

*California Department of Transportation  
Division of Maintenance*

***Structure Maintenance and Investigations***

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**B**<sub>RIDGE</sub>

**I**<sub>NSPECTION</sub>

**R**<sub>ECORDS</sub>

**I**<sub>NFORMATION</sub>

**S**<sub>YSTEM</sub>

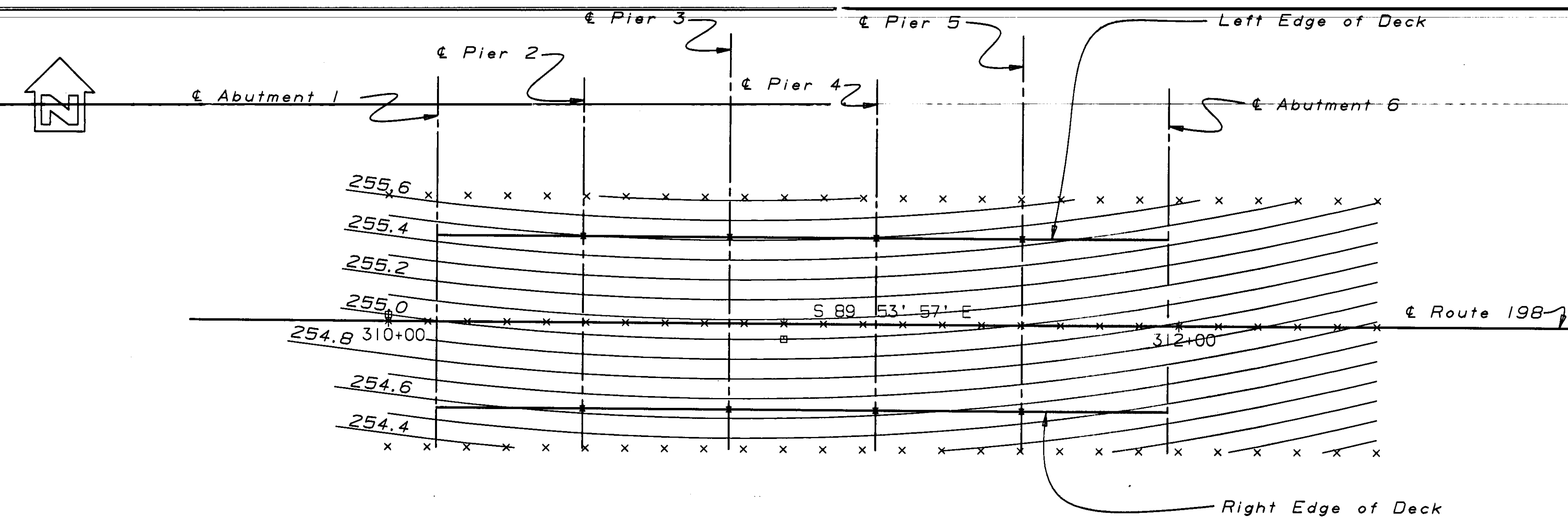
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DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin	198	25.5	16	23
Sharon Naramore REGISTERED ENGINEER - CIVIL			No. 46018 Exp. 12-31-94 CIVIL STATE OF CALIFORNIA		
9-9-91			PLANS APPROVAL DATE		



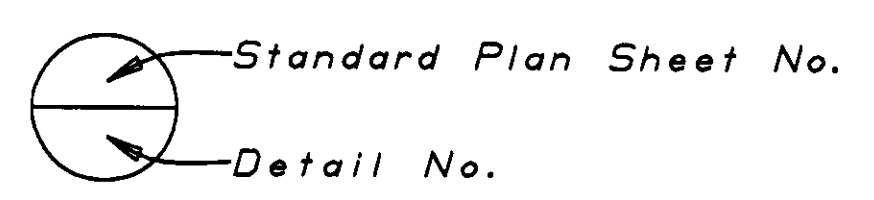
PLAN  
1" = 20'-0"

Notes:  
x Indicates 10' Intervals  
Contour interval is 0.1'  
Contours do not include camber

NO CHANGES  
45-06-01  
RA YBSEGER/B. FONG  
06-29-04  
11-12-92/6-4-93

INDEX TO PLANS

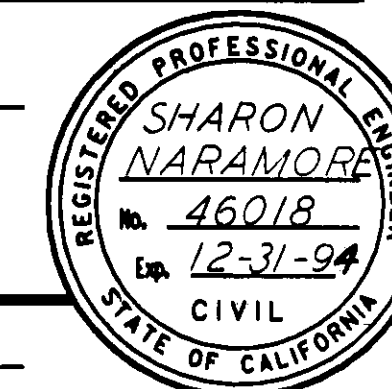
SHEET NO.	TITLE	STANDARD PLANS DATED JANUARY, 1988
1	GENERAL PLAN	BO-1 BRIDGE DETAILS
2	DECK CONTOURS	BO-3 BRIDGE DETAILS
3	FOUNDATION PLAN	B11-53 CONCRETE BARRIER TYPE 25
4	ABUTMENT DETAILS	
5	PIER DETAILS	
6	TYPICAL SECTION	
7	SLAB REINFORCEMENT DETAILS	
8	SLAB BRIDGE PILE DETAILS	
9	LOG OF TEST BORINGS	



DESIGN	BY Mark Kaems 10-90	CHECKED Sharon Naramore 10-90	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN 8	BRIDGE NO.	45-06	CROSS CREEK BRIDGE (REPLACE) DECK CONTOURS	
DETAILS	BY Roberta Lim 10-90	CHECKED Sharon Naramore 10-90			POST MILE	25.2		
QUANTITIES	BY Patty Preston 10-90	CHECKED David Romero 10-90						
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS			0 1 2 3	CU 06201 EA 297101	DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)	SHEET 2 OF 9

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.
06	Kin	198	25.2	17

Sharon Naramore  
REGISTERED ENGINEER-CIVIL



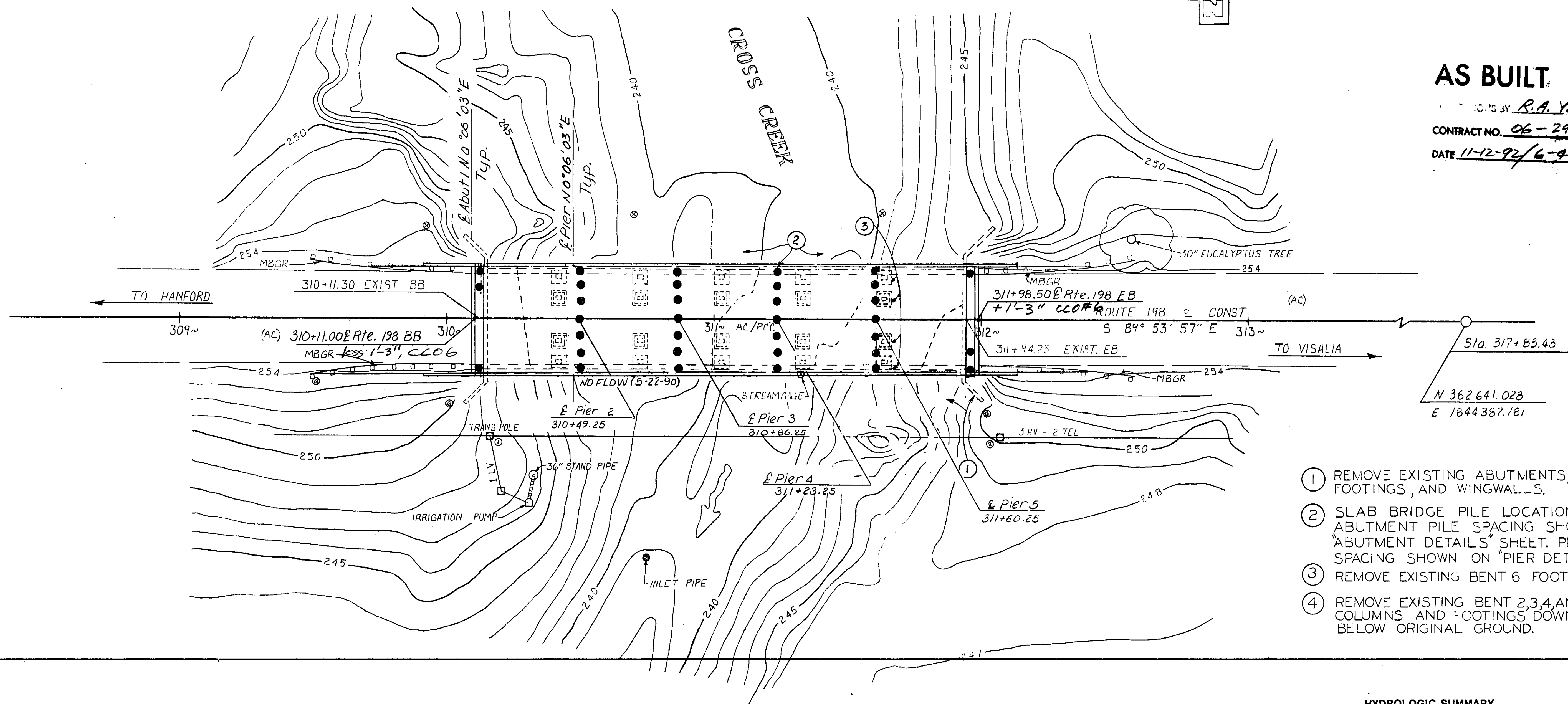
9-9-91  
PLANS APPROVAL DATE

AS BUILT

DESIGNED BY R.A. Yeager/B. Fong

CONTRACT NO. 06-297104

DATE 11-12-92/6-4-93



- 1 REMOVE EXISTING ABUTMENTS, ABUTMENT FOOTINGS, AND WINGWALLS.
- 2 SLAB BRIDGE PILE LOCATIONS. ABUTMENT PILE SPACING SHOWN ON "ABUTMENT DETAILS" SHEET. PIER PILE SPACING SHOWN ON "PIER DETAILS" SHEET.
- 3 REMOVE EXISTING BENT 6 FOOTINGS.
- 4 REMOVE EXISTING BENT 2,3,4, AND 5 COLUMNS AND FOOTINGS DOWN TO 3FT. BELOW ORIGINAL GROUND.

NOTE:  
THE CONTRACTOR SHALL VERIFY ALL  
CONTROLLING FIELD DIMENSIONS  
BEFORE ORDERING OR FABRICATING  
ANY MATERIAL.

HYDROLOGIC SUMMARY  
DRAINAGE AREA: \_\_\_\_\_ SQUARE MILES

	DESIGN FLOOD	BASE FLOOD	OVERTOPPING FLOOD
FREQUENCY (YEARS)	*1	—	>500
DISCHARGE (CUBIC FEET PER SECOND)	3500	—	—
WATER SURFACE (ELEVATION AT BRIDGE)	248	—	251 *2

FLOOD PLAIN DATA ARE BASED UPON INFORMATION AVAILABLE WHEN THE PLANS WERE PREPARED AND ARE SHOWN TO MEET FEDERAL REQUIREMENTS. THE ACCURACY OF SAID INFORMATION IS NOT WARRANTED BY THE STATE AND INTERESTED OR AFFECTED PARTIES SHOULD MAKE THEIR OWN INVESTIGATION.  
\*1 BASED ON DISCHARGE OF RECORD.  
\*2 OCCURS APPROXIMATELY 500 FT. PARALLEL TO BRIDGE ON ROUTE 198. PR-4506-1

BM TRAV #2  
Fnd. 1" I.P. + Plug  
132.70' Rte. Sta. 307+39.22  
Elev. 247.64  
  
BM TRAV #3  
Fnd. 1" I.P. + Plug  
79.40' Lr. Sta. 317+90.14  
Elev. 250.64

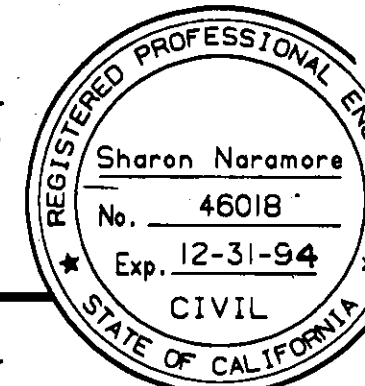
- ⊗ - UNDERGROUND TELEPHONE LINE MARKER (3)  
⊙ - UNDERGROUND GAS LINE MARKER (3)  
① - HIGH VOLTAGE WIRE ELEV. 292.3  
TELE CABLE ELEV. 267.5  
② - HIGH VOLTAGE WIRE ELEV. 291.8  
TELE CABLE ELEV. 269.8

PRELIMINARY INVESTIGATION SECTION										DESIGN		BY MARK KAEMS		CHECKED SHARON NARAMORE		STATE OF CALIFORNIA				DIVISION OF STRUCTURES		BRIDGE NO.		CROSS CREEK BRIDGE			
SCALE 1"=20'		DATUM NGVD		PHOTOGRAMMETRY AS OF		DRAWN BY JWR 6-90		DETAILS		BY JANICE SAM		CHECKED SHARON NARAMORE		DEPARTMENT OF TRANSPORTATION				STRUCTURE DESIGN 8		45-06							
ALIGNMENT TIES OK-4506-3		FIELD CHECKED BY JJD 5-90		CHECKED BY JJD 6-90		QUANTITIES		BY PATTY PRESTON		CHECKED DAVID ROMERO								POST MILE		25.2		FOUNDATION PLAN					
DS OSD 2145 (4/89) 89 53330										ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3		CU 06201 EA 297101		DISREGARD PRINTS BEARING EARLIER REVISION DATES		REVISION DATES (PRELIMINARY STAGE ONLY)		10/23/90 11/14/90 12/20/90		SHEET 3 OF 9			



DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT
06	Kim	198	25.2

Sharon Naramore  
REGISTERED ENGINEER - CIVIL



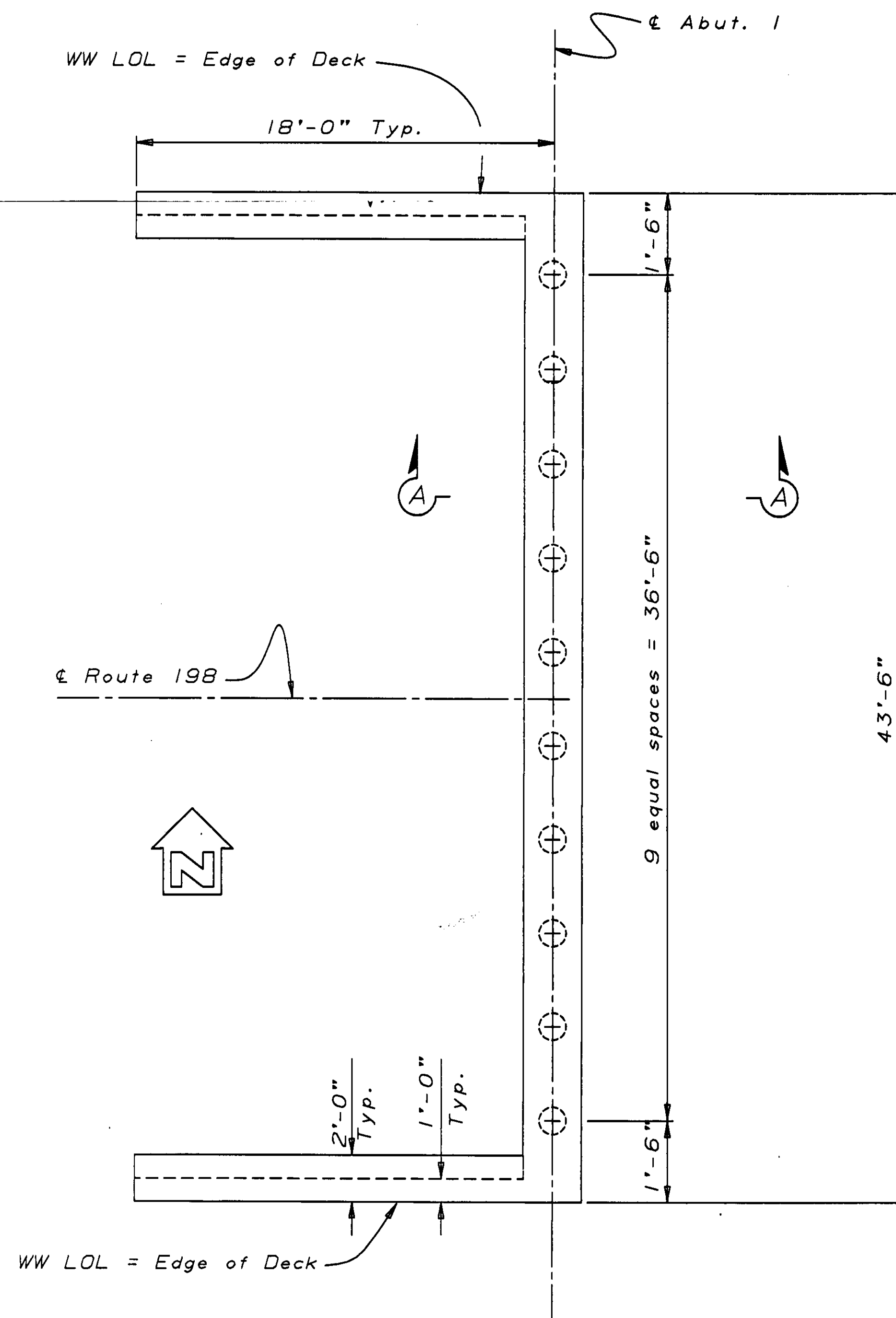
9-9-91  
PLANS APPROVAL DATE

AS BUILT

by R.A. Yarger/B. Feng

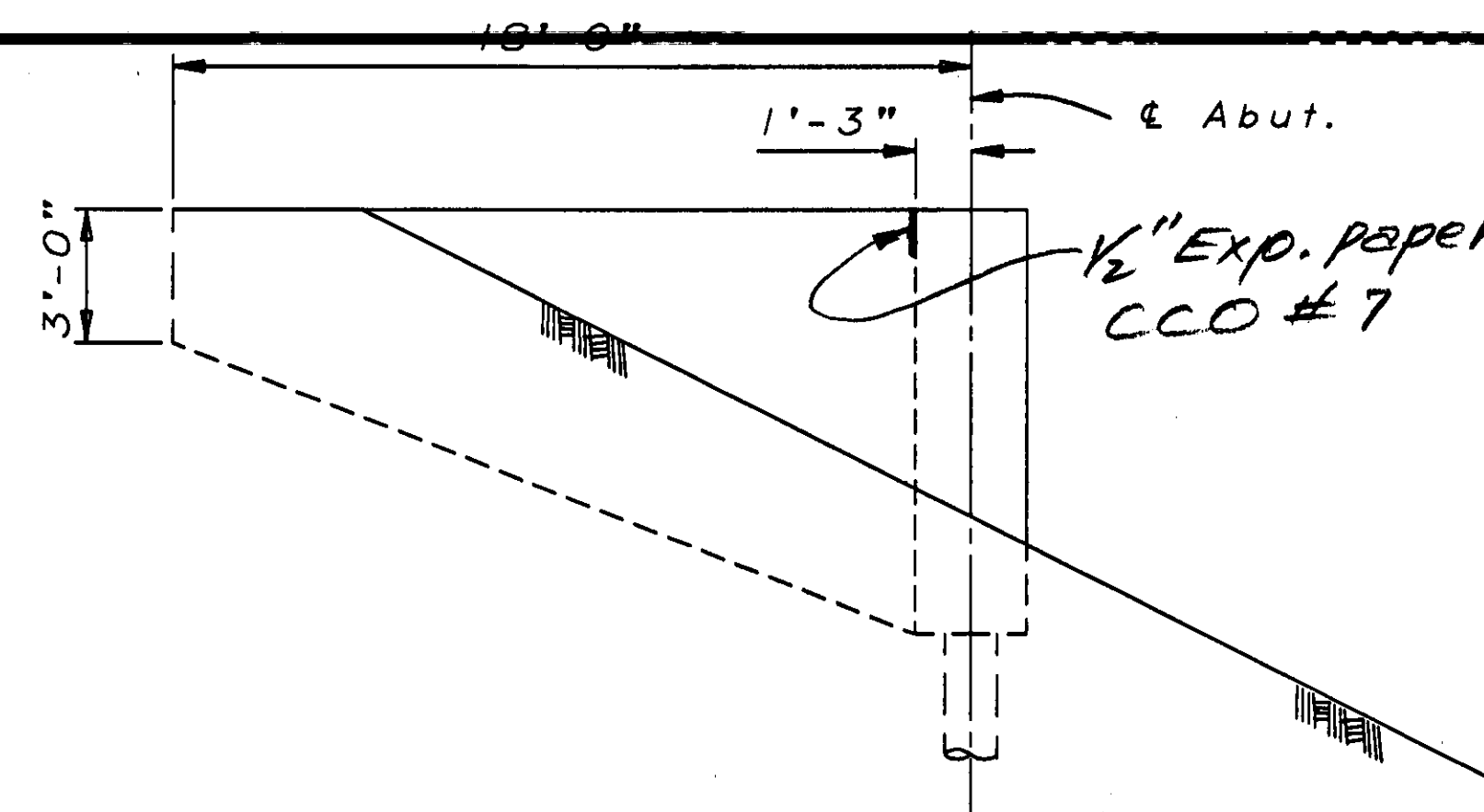
CONTRACT NO. 06-297104

DATE 11-12-92/6-4-93



PLAN

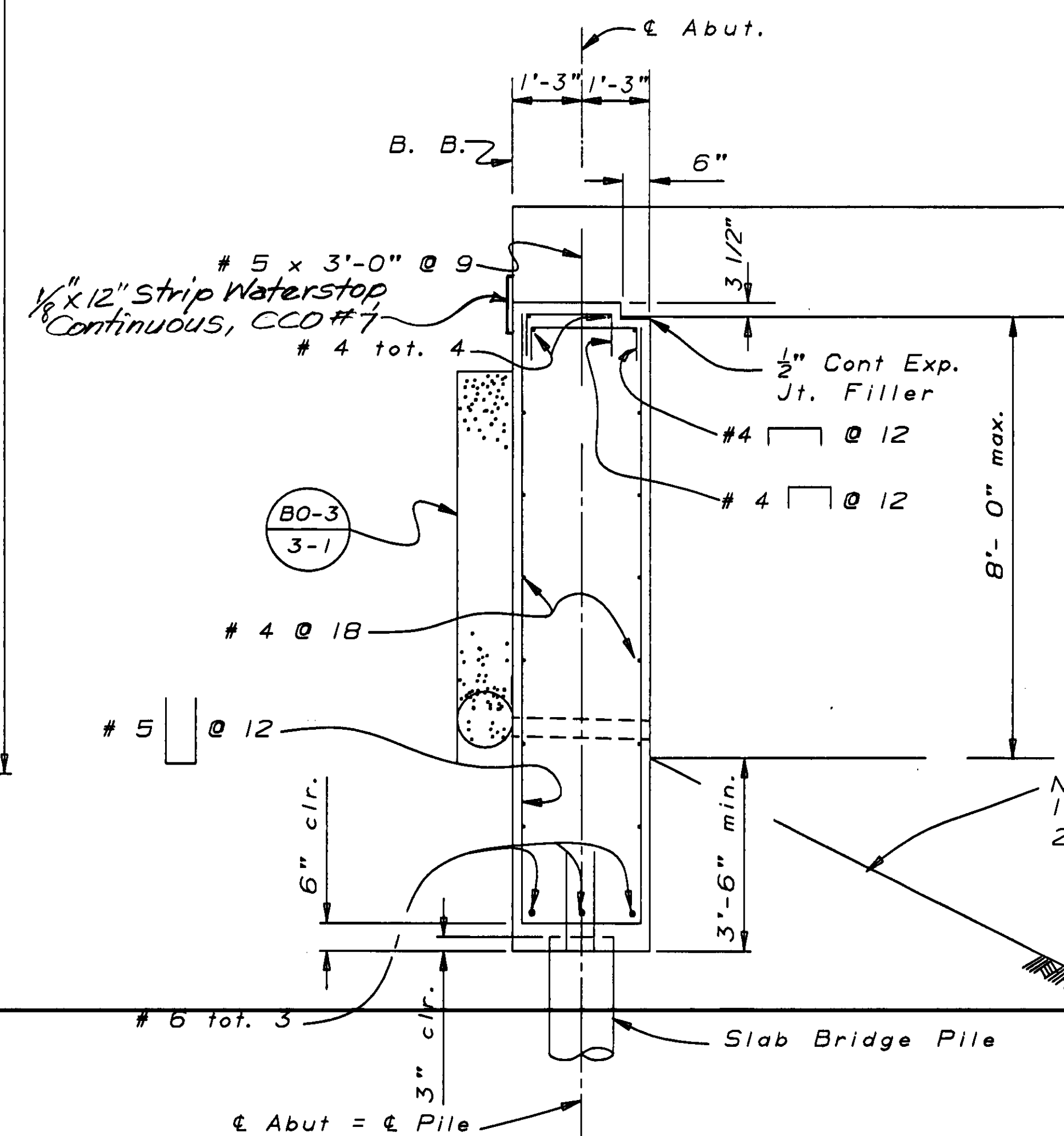
1/4" = 1'-0"



BO-1

WINGWALL ELEVATION

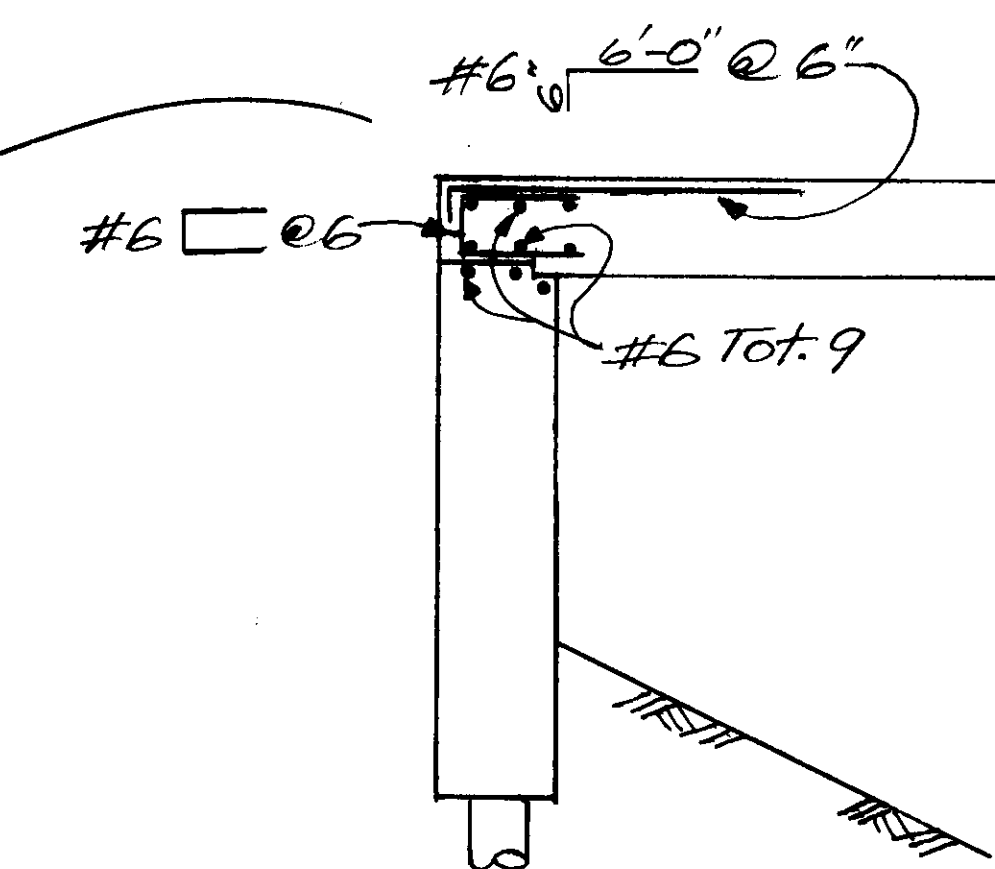
No scale



SECTION A-A

1/2" = 1'-0"

- Notes:
1. Backfill sufficiently to prevent ponding of water.
  2. Backfill behind abutment not to be placed higher than fill in front of abutment until super structure is in place. Backfill to be placed uniformly at both abutments to equalize wall pressures.



ABUTMENT 1 & 6

No Scale

DESIGN	BY Mark Kaems	10-90	CHECKED Sharon Naramore	10-90
DETAILS	BY Roberta Lim	10-90	CHECKED Sharon Naramore	10-90
QUANTITIES	BY Patty Preston	10-90	CHECKED David Romero	10-90

STATE OF  
CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

DIVISION OF STRUCTURES  
STRUCTURE DESIGN 8

BRIDGE NO.	45-06
POST MILE	25.2

CROSS CREEK BRIDGE (REPLACE)  
ABUTMENT DETAIL

DS OSD 2139 (CADD 4/89)

ORIGINAL SCALE IN INCHES  
FOR REDUCED PLANS

0 1 2 3

CU 06201  
EA 297101

DISREGARD PRINTS BEARING  
EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 4 OF 9

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.
06	King	198	25.2	19

Sharon Naramore  
REGISTERED ENGINEER - CIVIL

REGISTERED PROFESSIONAL ENGINEER

Sharon Naramore  
No. 46018  
Exp. 12-31-94  
CIVIL  
STATE OF CALIFORNIA

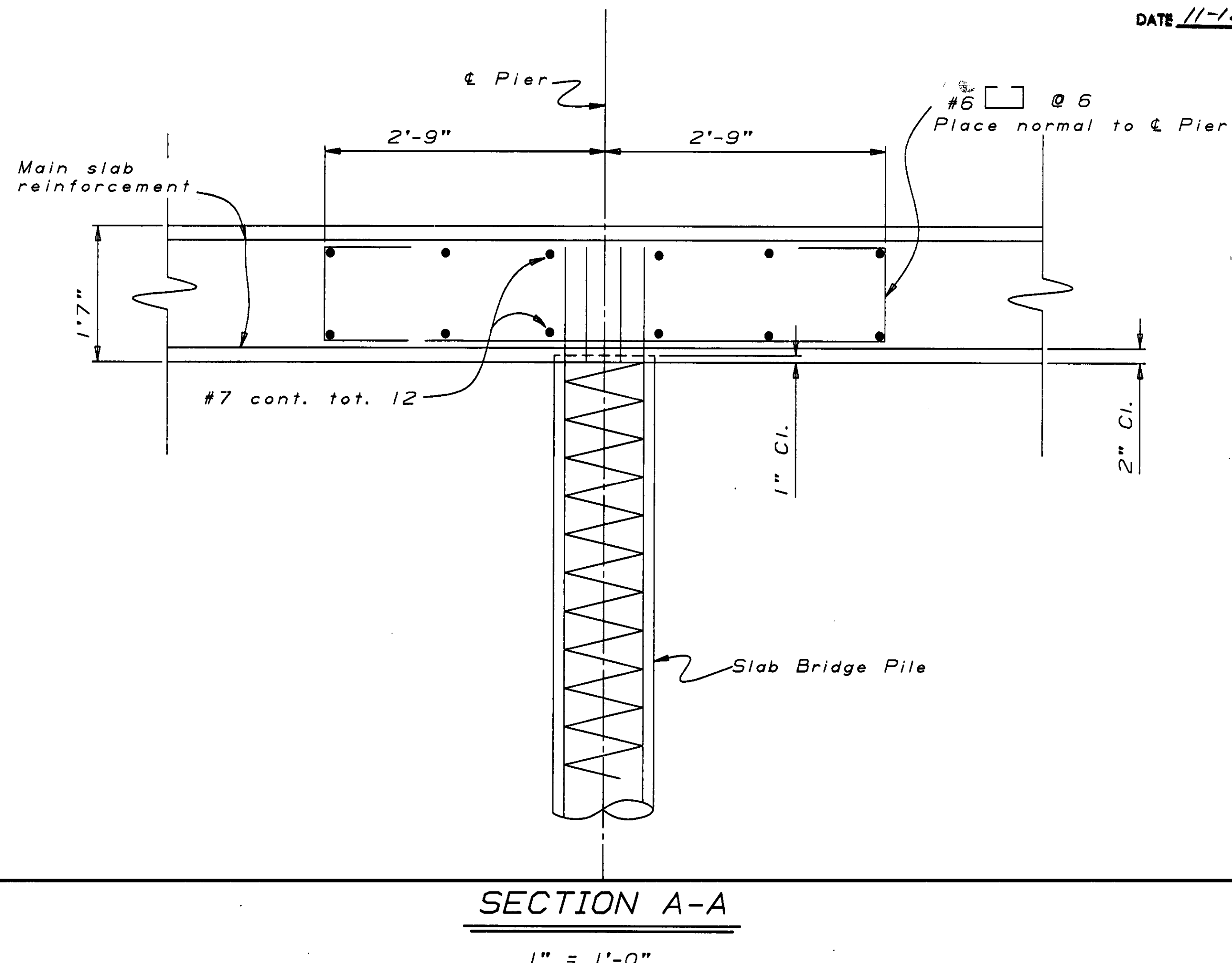
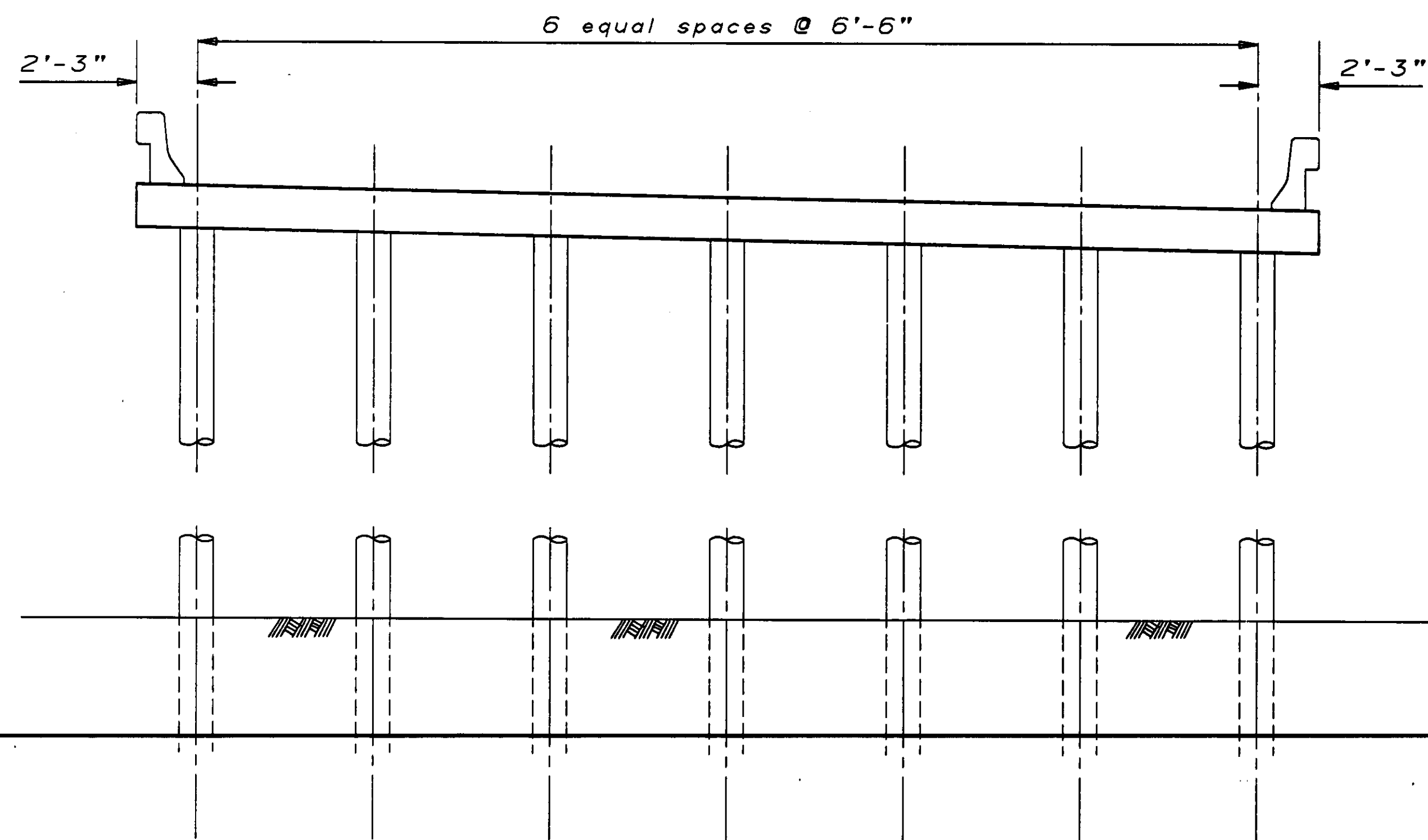
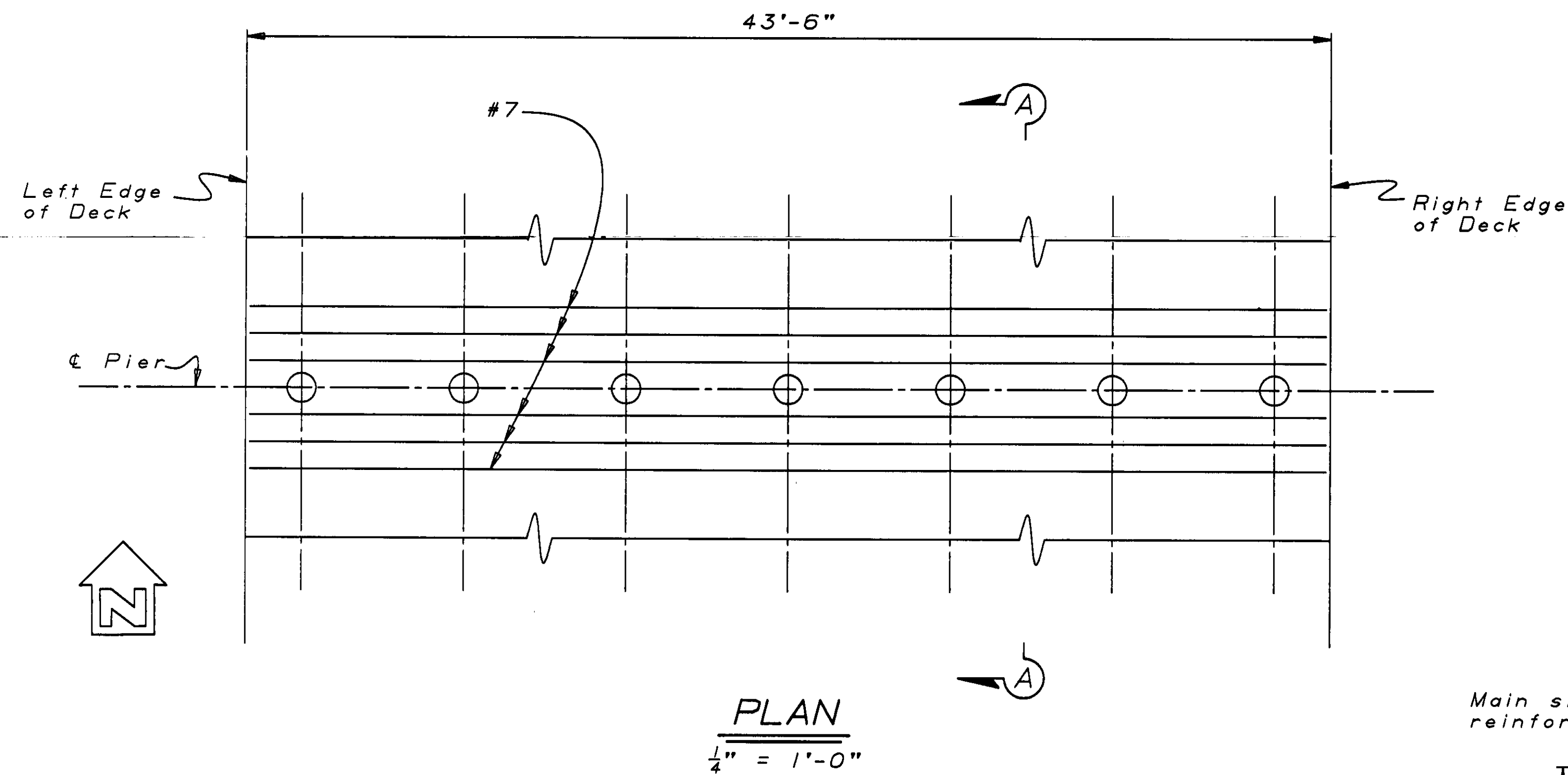
9-9-91  
PLANS APPROVAL DATE

NO CHANGES  
AS BUILT

DESIGNED BY R.A. Yeager/B. Fong

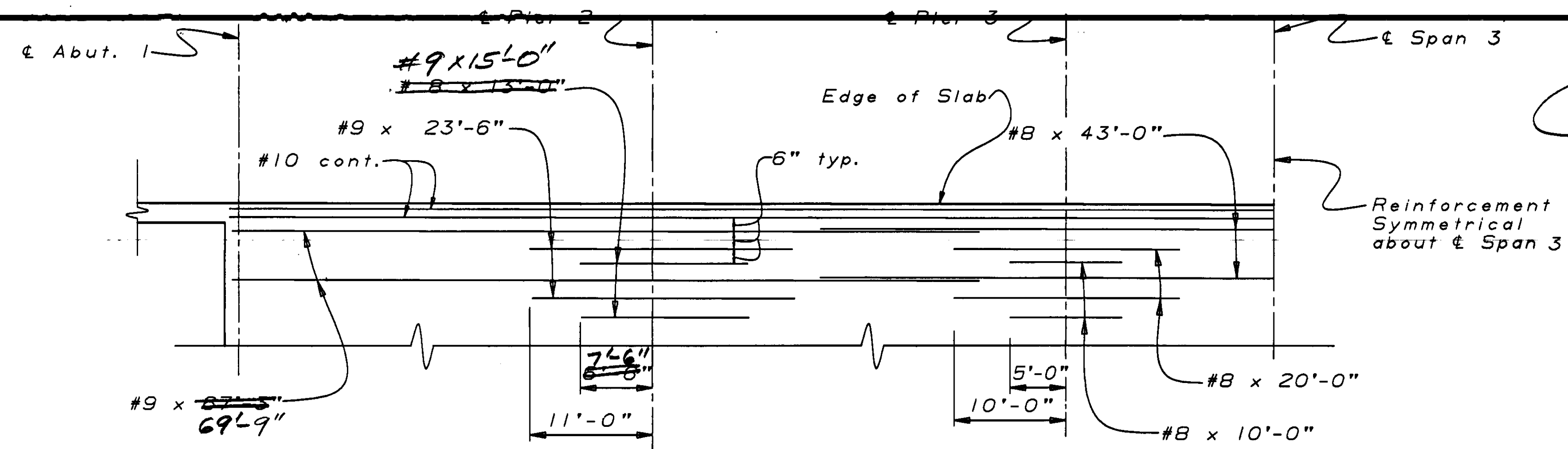
CONTRACT NO. 06-297104

DATE 11-12-92/6-4-93

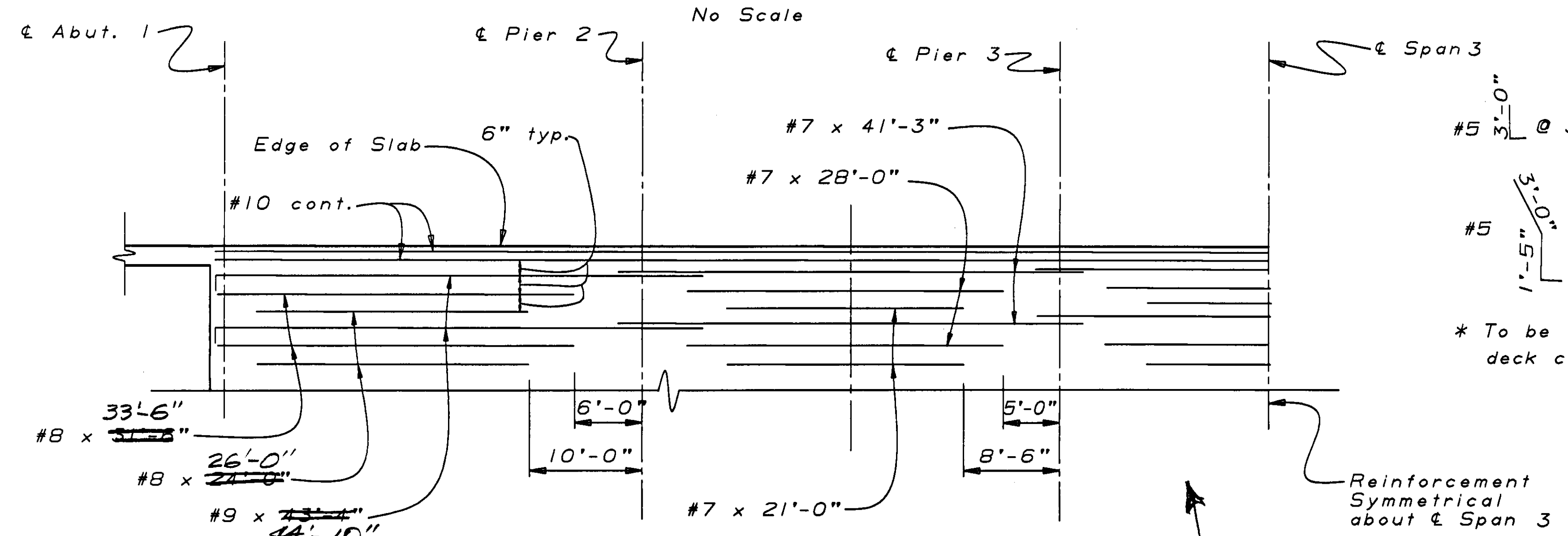


DESIGN				BY Mark Kaems 10-90				CHECKED Sharon Naramore 10-90				STATE OF CALIFORNIA				DIVISION OF STRUCTURES				BRIDGE NO. 45-06				CROSS CREEK BRIDGE (REPLACE)			
DETAILS				BY Roberto Lim 10-90				CHECKED Sharon Naramore 10-90				DEPARTMENT OF TRANSPORTATION				STRUCTURE DESIGN 8				POST MILE 25.2				PIER DETAILS			
QUANTITIES				BY Patty Preston 10-90				CHECKED David Romero 10-90				CU 06201 EA 297101				DISREGARD PRINTS BEARING EARLIER REVISION DATES				REVISION DATES (PRELIMINARY STAGE ONLY)				SHEET 5 OF 9			

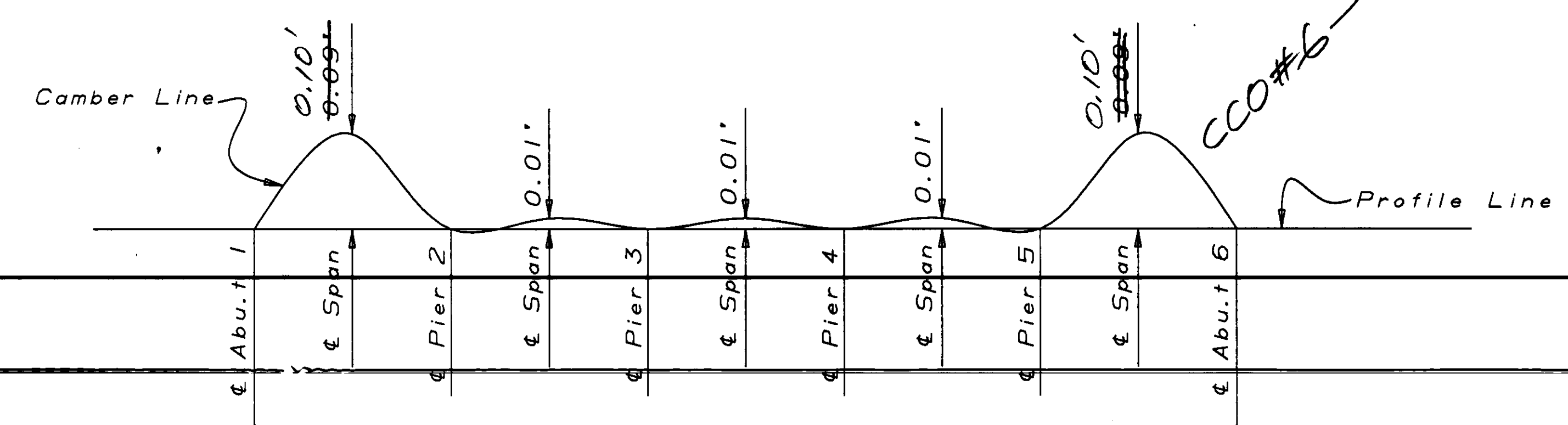




**REINFORCEMENT - TOP OF SLAB**



**REINFORCEMENT - BOTTOM OF SLAB**

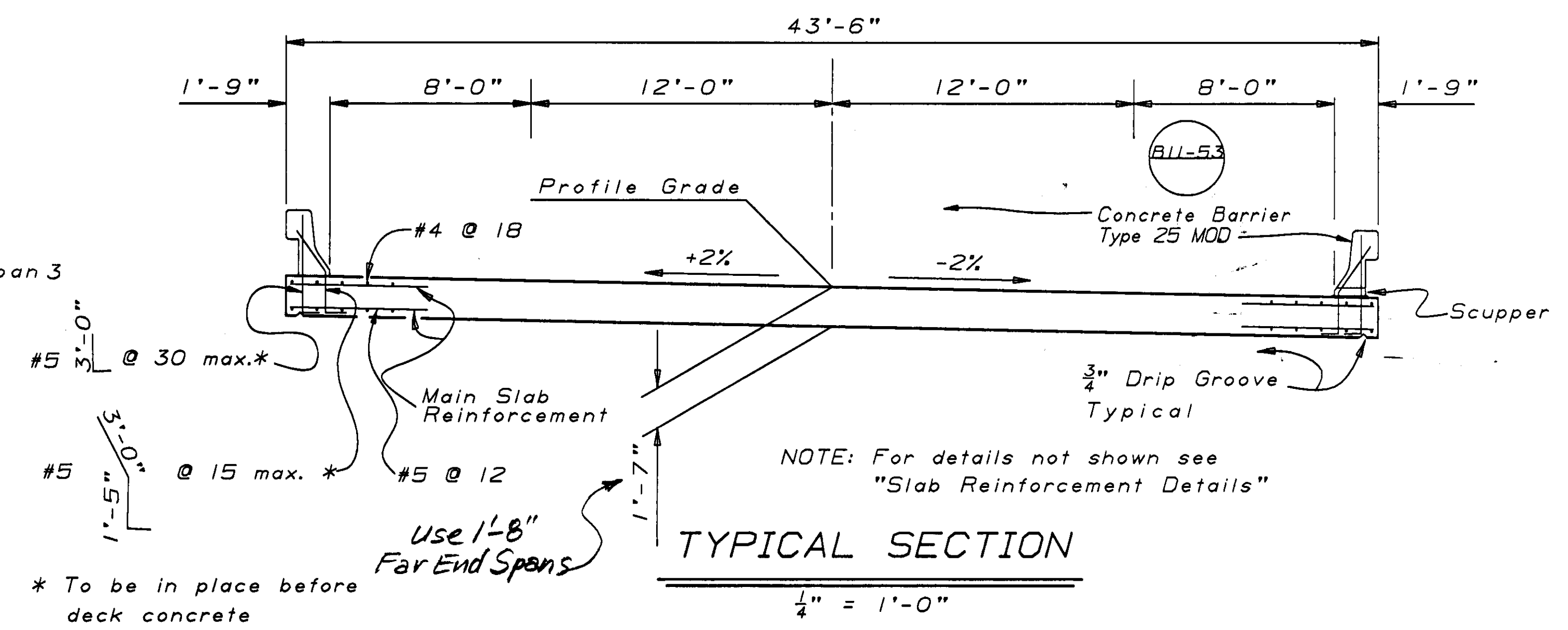


**CAMBER DIAGRAM**

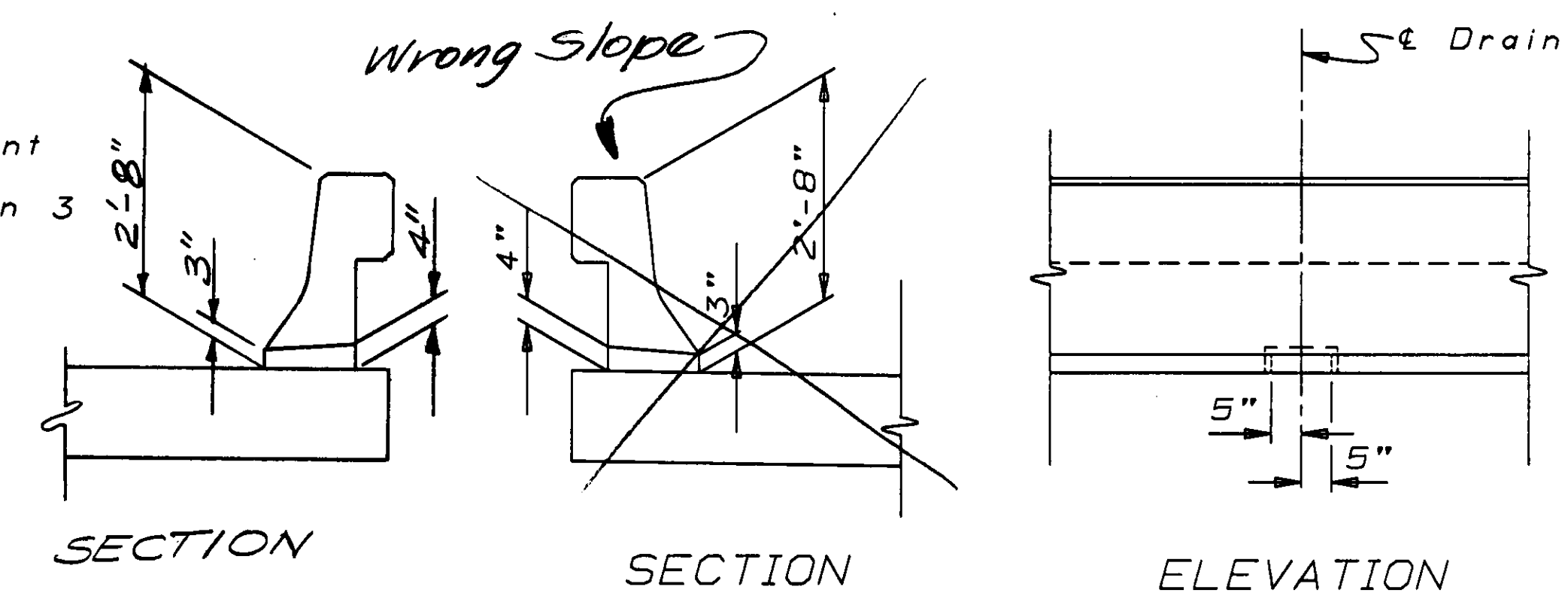
Does not include allowance for falsework settlement

CCO #6

& Route 198

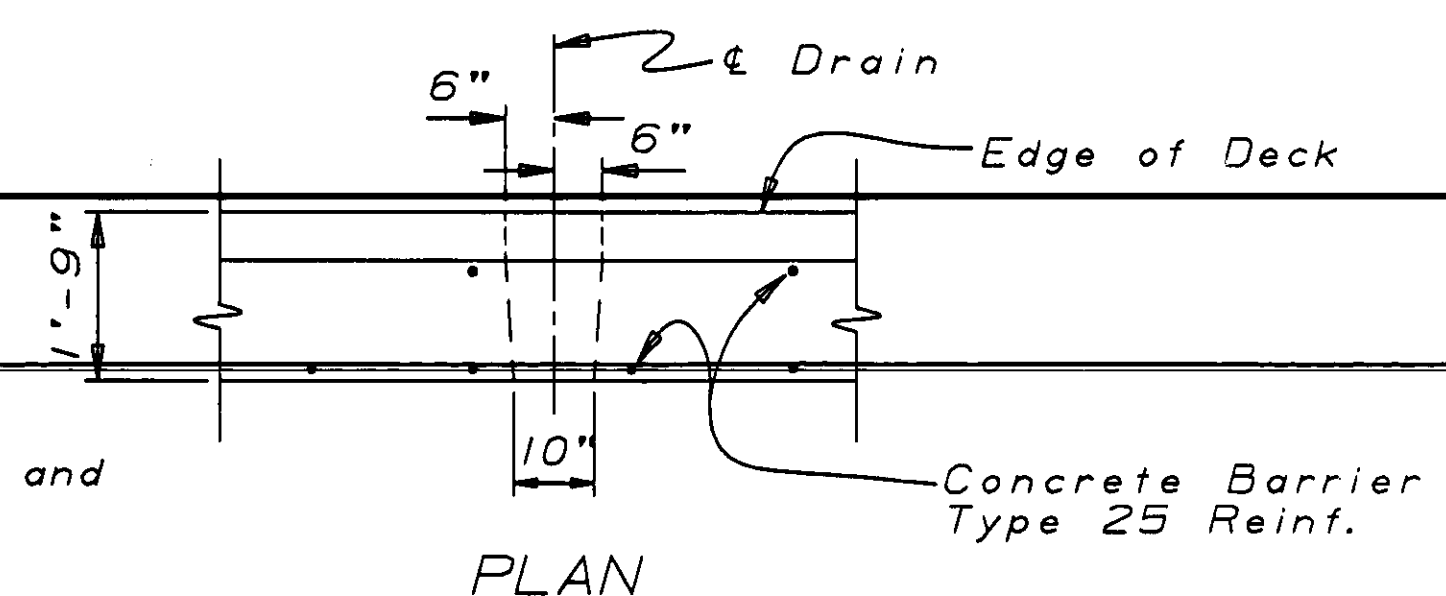


**TYPICAL SECTION**



**AS BUILT**

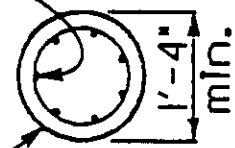
CONTRACT NO. 06-297104  
DATE 11-12-92/6-4-93



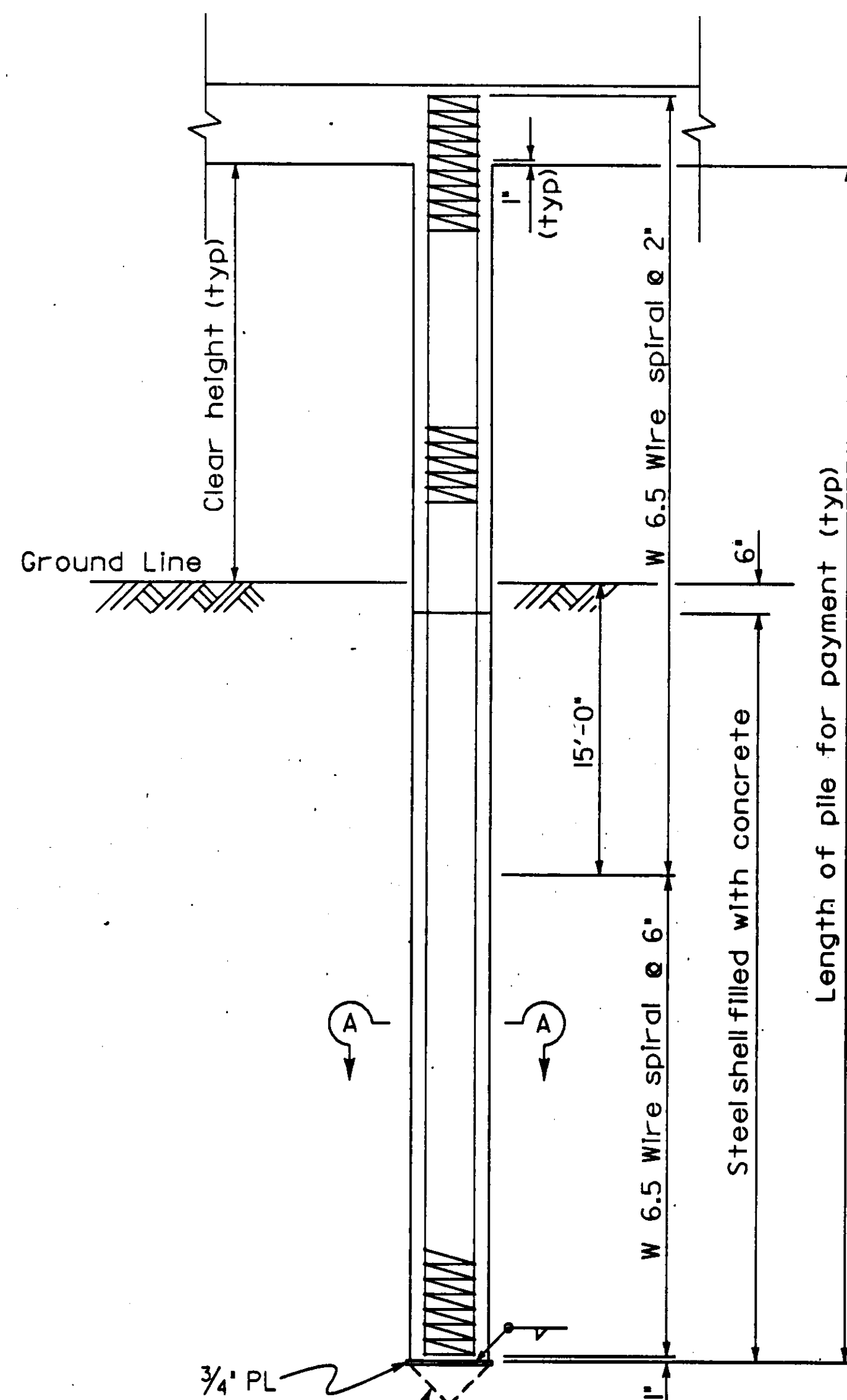
**SCUPPER DETAIL**

				DESIGN	BY Mark Kaems 10-90	CHECKED Sharon Naramore 10-90	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN 8	BRIDGE NO.	45-06	CROSS CREEK BRIDGE (REPLACE)														
				DETAILS	BY Roberta Lim 10-90	CHECKED Sharon Naramore 10-90			POST MILE	25.2	TYPICAL SECTION														
				QUANTITIES	BY Patty Preston 10-90	CHECKED David Romero 10-90																			
DS 050 2139 (CADD 4/89)				ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				0 1 2 3				CU 06201 EA 297101				DISREGARD PRINTS BEARING EARLIER REVISION DATES →				REVISION DATES (PRELIMINARY STAGE ONLY)				SHEET	OF
																10-24-90 11-2-90 11-14-90 12-11-90								6	9

#7 total 7  
Min shell thickness for:  
45 Ton Pile = 0.1793"  
70 Ton Pile = 0.250"



# SECTION A - A



## CAST-IN-STEEL SHELL CONCRETE PILE

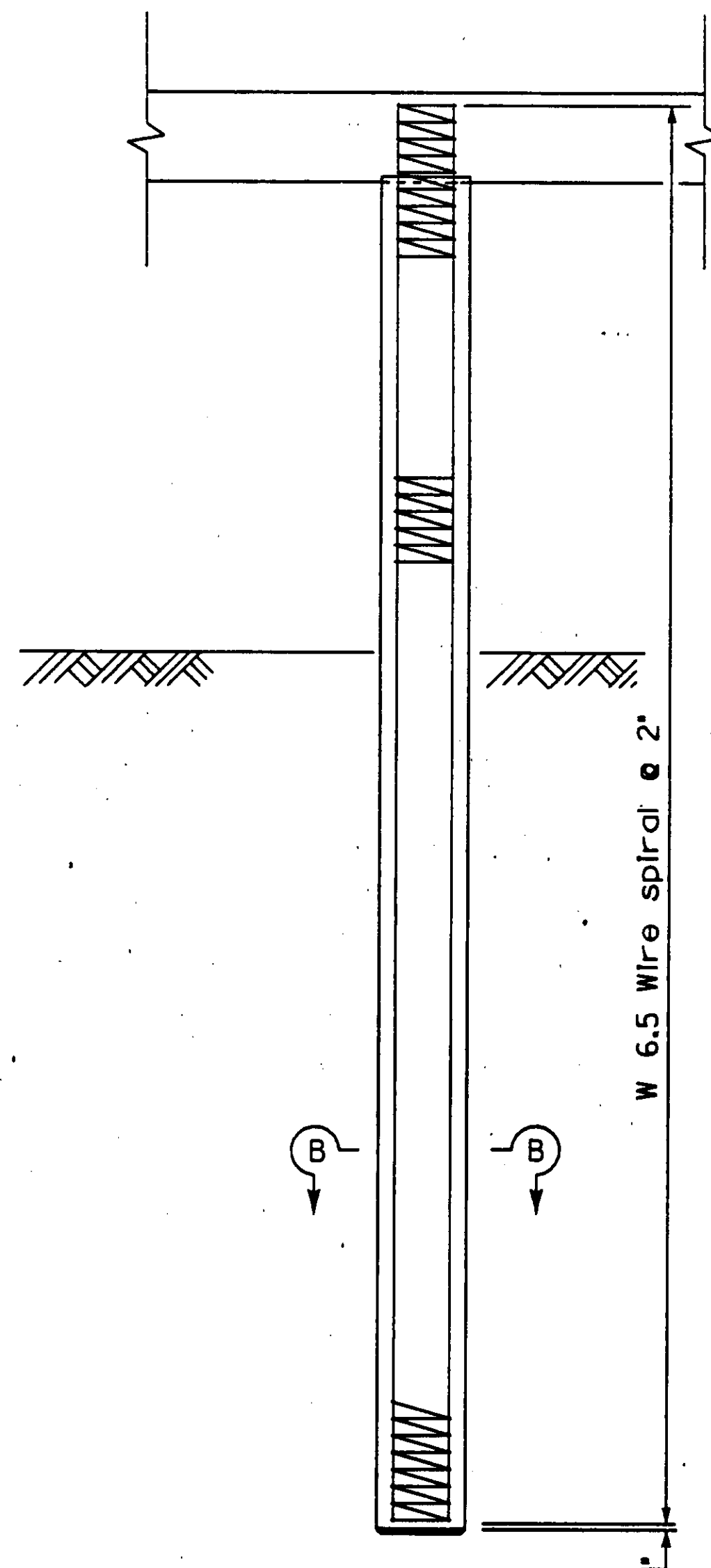
#6 total 8



Octagonal or  
Round section

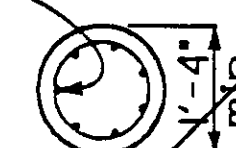
4 Strands min.

# SECTION B - B

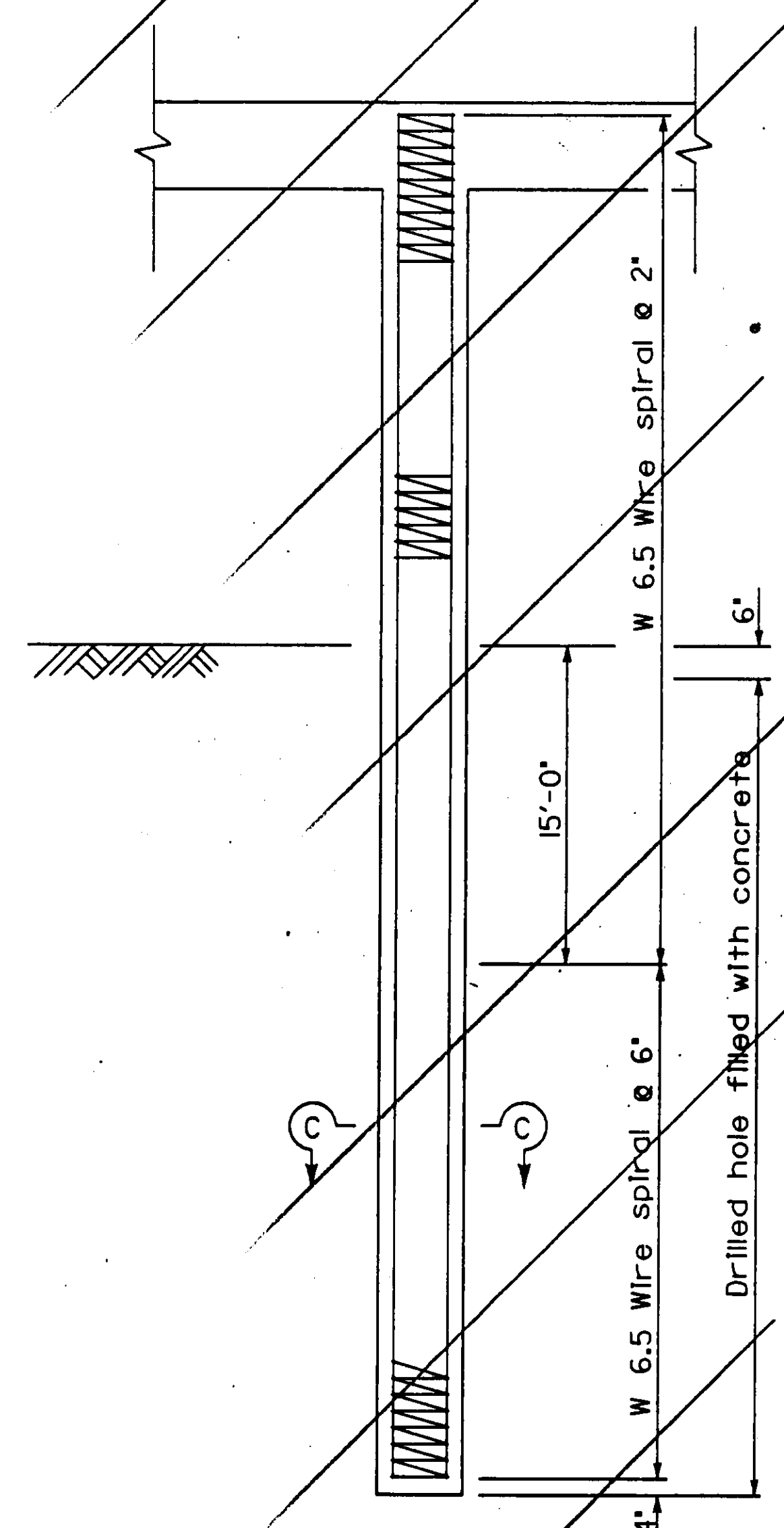


## PRECAST PRESTRESSED CONCRETE PILE

#7 total 7



# SECTION C - C



## CAST-IN-DRILLED HOLE CONCRETE PILE

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin	198	25.2	22	23

REGISTERED ENGINEER - CIVIL

SHARON NARAMORE  
No. 46018  
Exp. 12-31-94  
CIVIL  
STATE OF CALIFORNIA

9-9-91  
PLANS APPROVAL DATE

NO CHANGES  
AS BUILT

DESIGNED BY R.A. Yeager/B. Fung  
CONTRACT NO. 06-297104  
DATE 11-12-92/6-24-93

### NOTES:

- Design service level loading is 70 tons or less, as noted.
- Maximum size of aggregate is 1".
- For the prestressed concrete pile:
  - The prestress force after all losses shall provide 700 psi minimum stress and shall be not less than 130 kips.
  - The concrete strength shall be not less than 6000 psi at 28 days.
- No splices allowed in the longitudinal reinforcement within the 'clear height' or within 10' below the ground line.

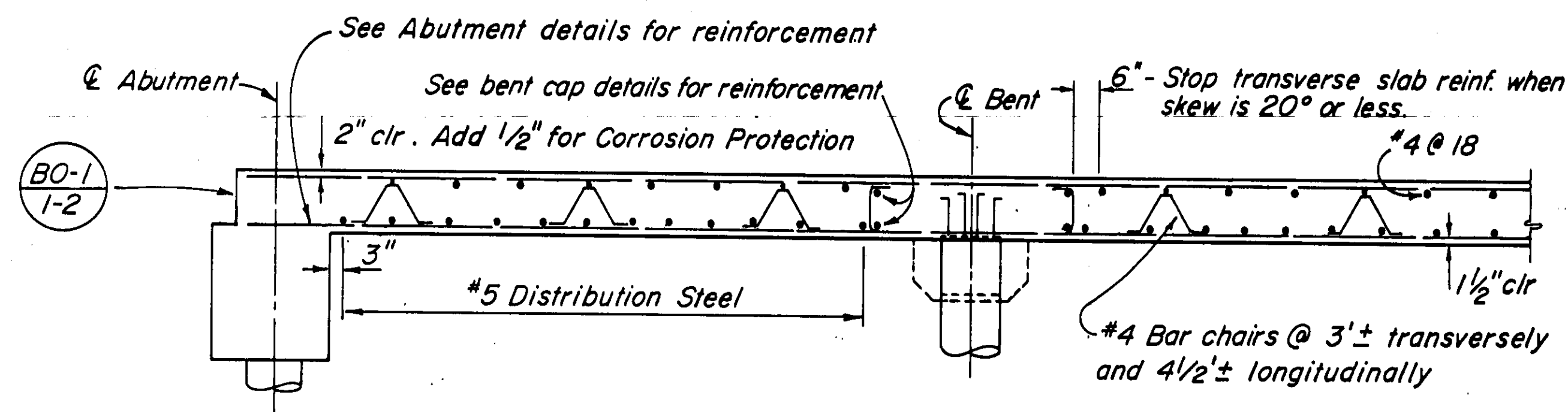
STANDARD DRAWING						1 DELETE DETAILS	STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES STRUCTURE DESIGN 8	BRIDGE NO. 45-06 POST MILE 25.2	CROSS CREEK BRIDGE (REPLACE) SLAB BRIDGE PILE DETAILS
FILE NO. XS 12-55.1	DESIGN BY Jim H. Gates	CHECKED Steve B. McBride	APPROVAL RECOMMENDED BY R.A. Rogerson	DESIGN SUPERVISOR						
DRAWING DATE 2/89	DETAILS BY Vern R. Groth	CHECKED R.A. Rogerson								
SUBMITTED BY R.A. Rogerson										
DS OSD 2147A (CADD 4/89)						ORIGINAL SCALE IN INCHES FOR REDUCED PLANS	0 1 2 3	CU06201 EA 297101	DISREGARD PRINTS BEARING EARLIER REVISION DATES	REVISION DATES (PRELIMINARY STAGE ONLY)
									12/1/90	
									SHEET 8 OF 9	



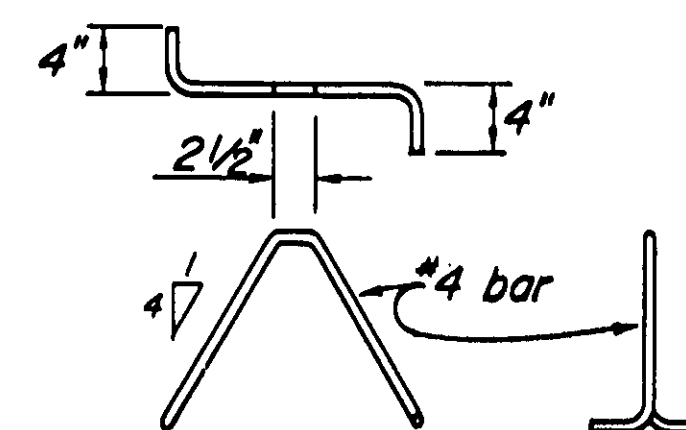
DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin	198	25.2	21	23

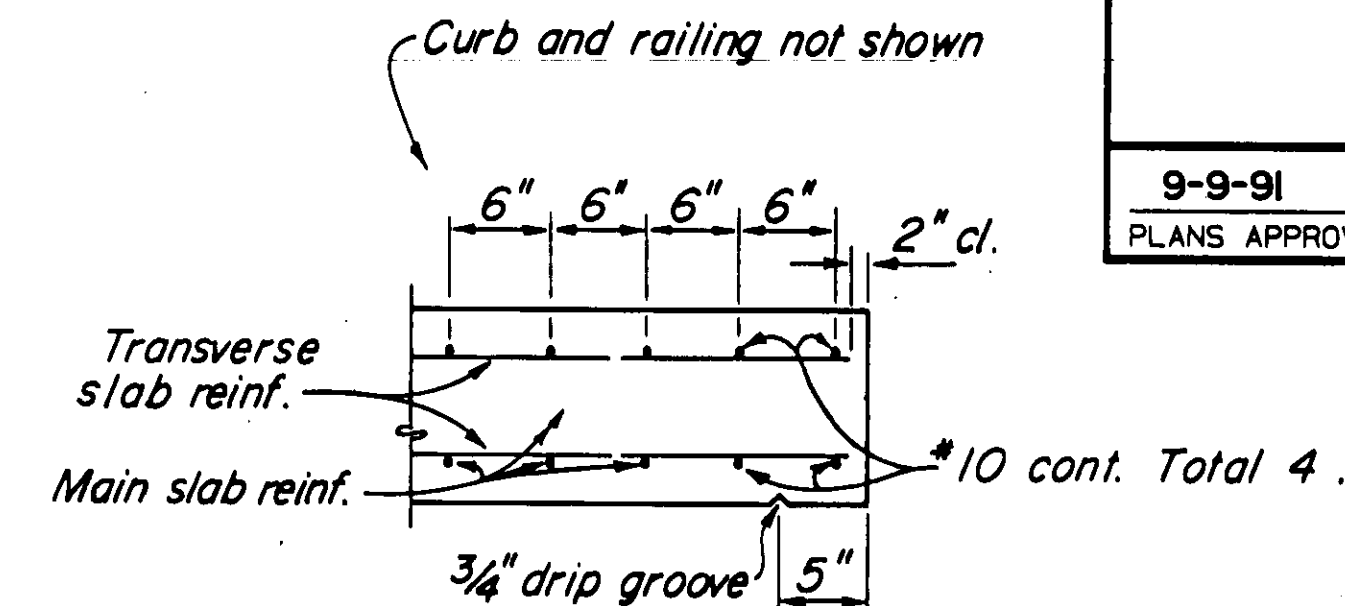
Sharon Naramore REGISTERED ENGINEER - CIVIL No. 46018 Exp. 12-31-94 CIVIL STATE OF CALIFORNIA	
9-9-91	PLANS APPROVAL DATE



**LONGITUDINAL SECTION**



**BAR CHAIR DETAIL**

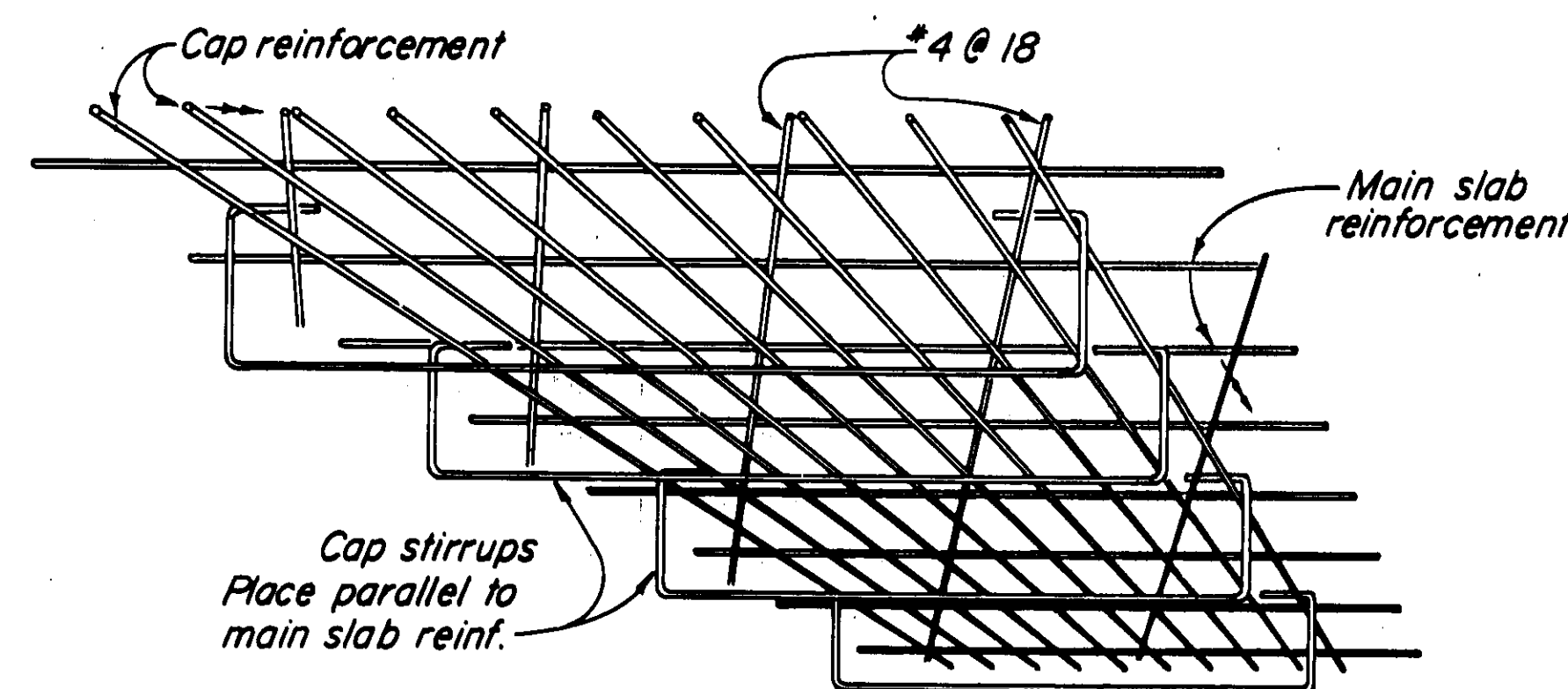


**EDGE OF SLAB DETAIL**

BAR SPLICE LENGTH								
Bar Size	#4	#5	#6	#7	#8	#9	#10	#11
All bars, except top bars in spans over 24'	23"	28"	34"	39"	45"	68"	76"	85"
Top bars in spans over 24'	23"	28"	34"	53"	60"	77"	97"	120"

**REINFORCEMENT NOTES:**

Splices in top main bars to be located near center of span.  
 Splices in bottom main bars to be located near bent.  
 Spacing of all transverse bars is measured along  $\perp$  roadway.  
 Skew 0° to 20°: Place all transverse bars parallel to bent.  
 Skew over 20°: Place transverse slab bars perpendicular to  $\perp$  bridge. See details at right and below.

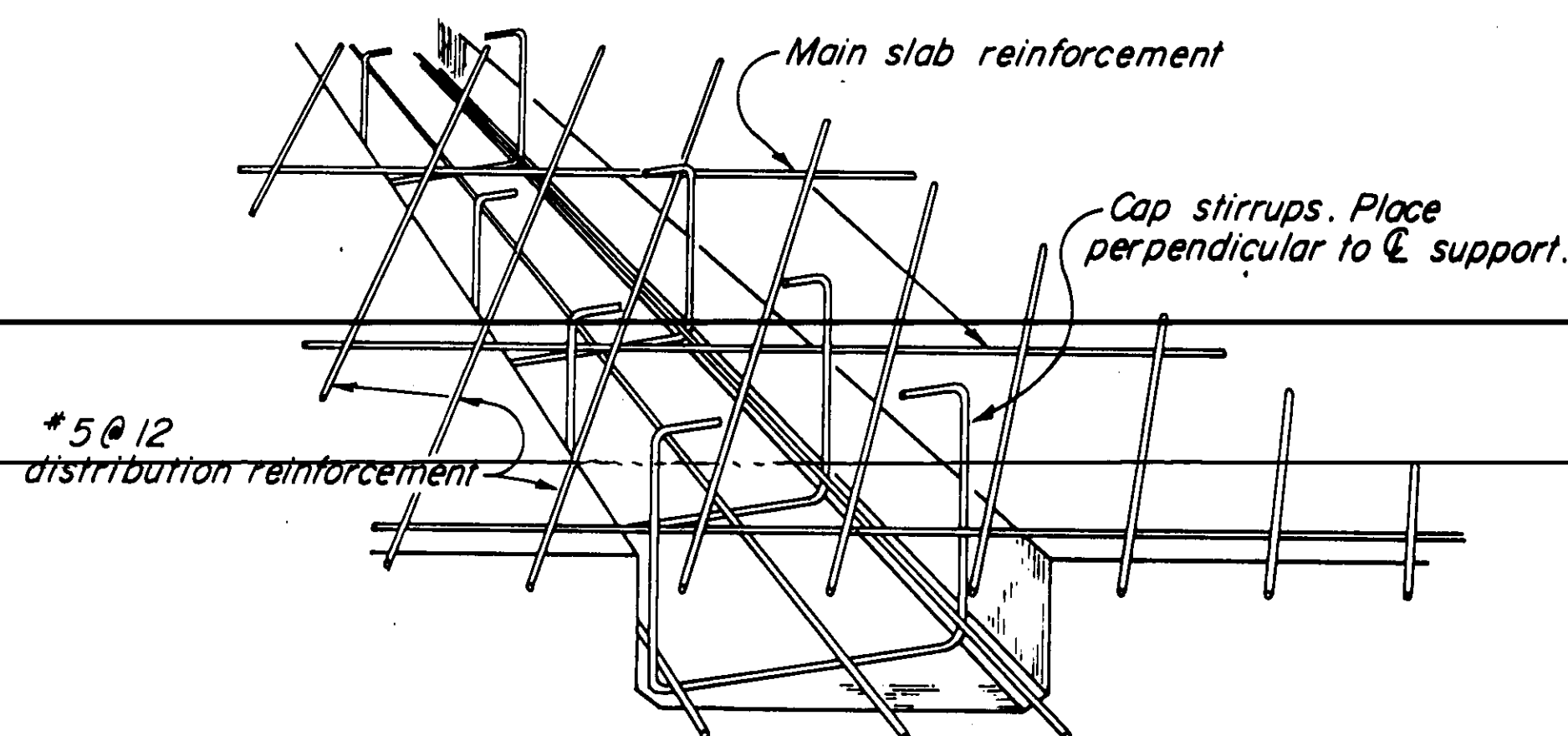


Note: View for main span over 24'.  
 Bar placement similar for spans under 24'.

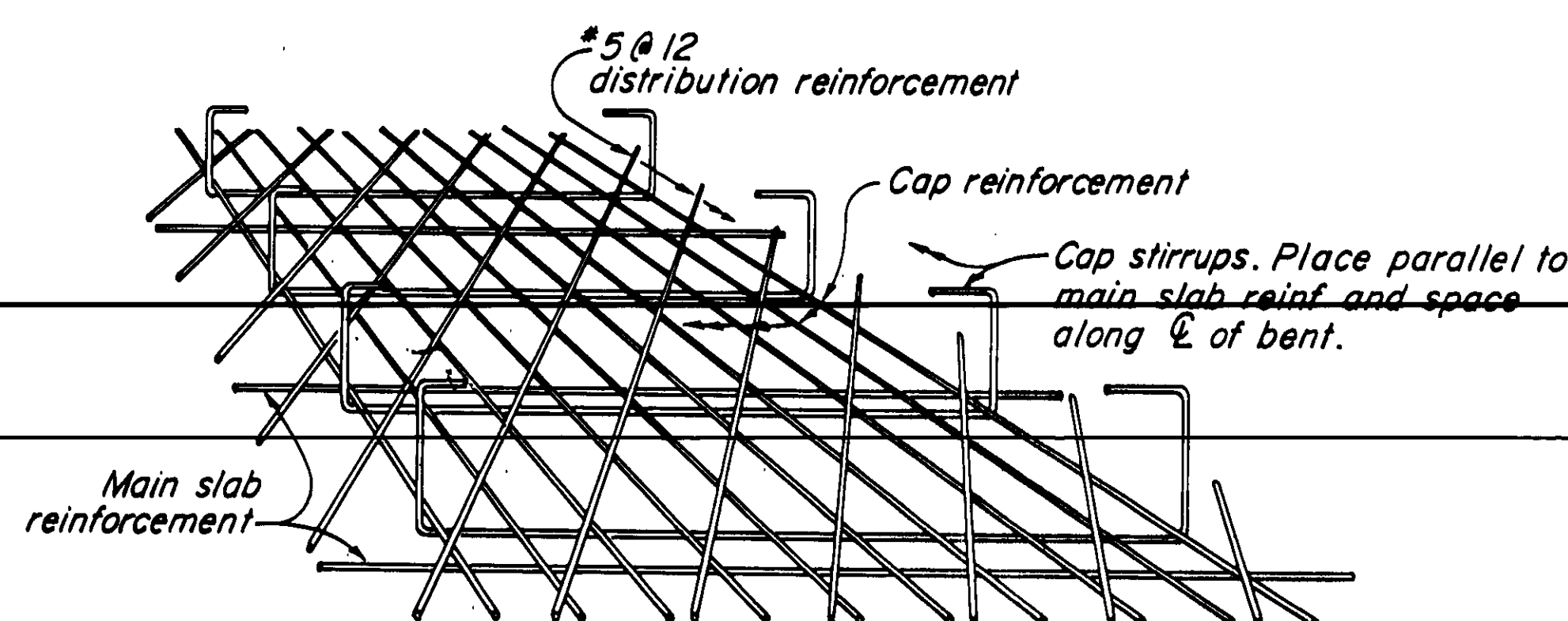
**TOP SLAB REINFORCEMENT AT BENT**

**GENERAL NOTES  
LOAD FACTOR DESIGN**

DESIGN: BRIDGE DESIGN SPECIFICATIONS  
 (1983 AASHTO with Interims and Revisions by CALTRANS)  
 DEAD LOAD: Includes 35 psf for future wearing surface.  
 LIVE LOADING: HS20-44 and alternative and permit design load.  
 REINFORCED CONCRETE:  $f_y = 60,000$  psi  
 $f'_c = 3,250$  psi  
 $n = 9$



**DROPPED CAP**



**FLUSH CAP**

**BOTTOM SLAB REINFORCEMENT AT BENT**

**STANDARD DRAWING**

FILE NO. XS 12-55	DESIGN BY L. Y. Lee	CHECKED T. Farman	APPROVAL RECOMMENDED BY <i>Sharon Naramore</i>
DRAWING DATE 8/86	DETAILS BY Donna Collins	CHECKED T. Farman	DESIGN SUPERVISOR
SUBMITTED BY R. S. Watanabe			

STATE OF  
**CALIFORNIA**  
 DEPARTMENT OF TRANSPORTATION

DIVISION OF STRUCTURES  
 STRUCTURE DESIGN 8

BRIDGE NO.	45-06
POST MILE	25.2

CROSS CREEK BRIDGE (REPLACE)  
**SLAB REINFORCEMENT DETAILS**

ORIGINAL SCALE IN INCHES  
 FOR REDUCED PLANS

0 1 2 3

CU06201  
 EA 297101

DISREGARD PRINTS BEARING  
 EARLIER REVISION DATES

11-2-90

REVISION DATES (PRELIMINARY STAGE ONLY)

SHEET 7 OF 9



LEGEND OF BORING OPERATIONS

2 1/4" CONE PENETROMETER

TEST PIT

LEGEND OF EARTH MATERIALS

CONSISTENCY CLASSIFICATION FOR SOILS

According to the Standard Penetration Test

Gravel

Sand

Silt

Clay

Sandy clay or silty sand

Sandy silt or silty clay

Very loose

Loose

Medium dense

Dense

Very dense

Very soft

Soft

Stiff

Very stiff

Hard

Very hard

Preconsolidation Index (I<sub>p</sub>)

0-4

5-9

10-19

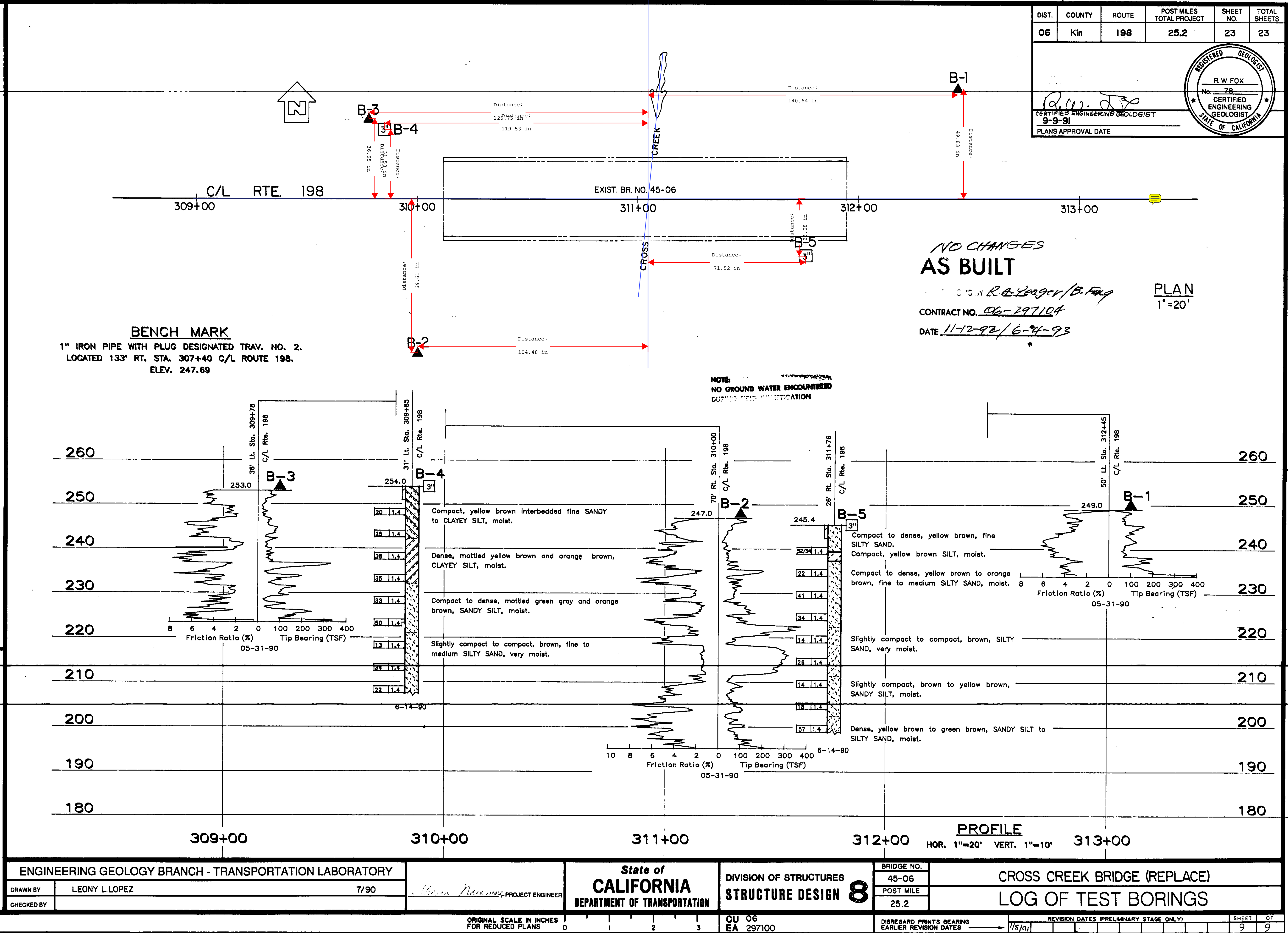
20-34

35-69

>70

Notes:

Classification of earth material as shown on this sheet is based upon field inspection and is not to be construed to imply mechanical analysis.





± Rte. 198 308+50.00 BVC  
Elev. 254.23

± Rte. 198 312+50.00 EVC  
Elev. 254.67

+ 0.72%

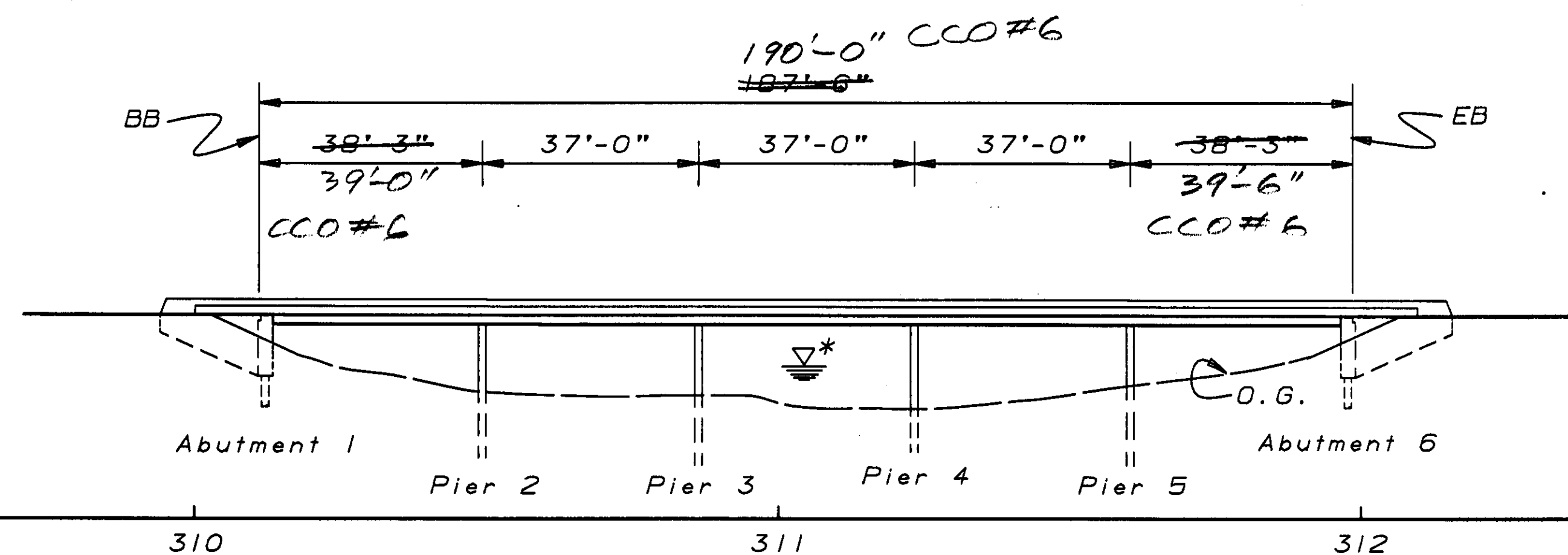
400' VC

-0.50%

R = -0.305% per Station

### PROFILE GRADE

No Scale



Datum Elev. 220.0

310

311

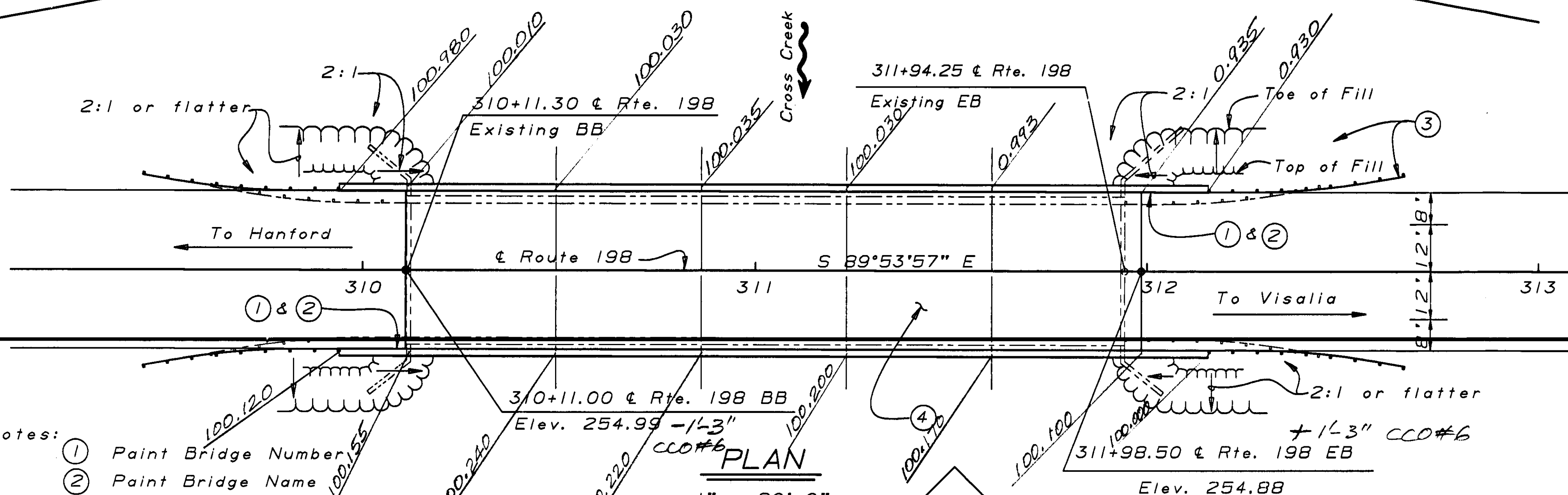
312

\* For Hydrologic Data, see "Foundation Plan" sheet

### ELEVATION

1" = 20'-0"

± Detour, see "Road Plans"



- Notes:
- ① Paint Bridge Number
  - ② Paint Bridge Name
  - ③ MBGR, see "Road Plans"
  - ④ Remove Existing Structure

### PLAN

1" = 20'-0"

For General Notes, see "Slab Reinforcement Details" sheet  
For Index to Plans, see "Deck Contours" sheet

### PILE DATA

SLAB BRIDGE PILES

Location Design Loading Specified Tip Probable Tip  
(Service Load) Elevation Elevation

Abut. 1	45 Ton	220.0	215.0
Pier 2	70 Ton	205.0	200.0
Piers 3, 4, & 5	70 Ton	200.0	195.0
Abut. 6	45 Ton	205.0	200.0

DIST.	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	Kin	198	25.5	15	23

REGISTERED ENGINEER - CIVIL

Sharon Naramore

No. 46018

Exp. 12-31-94

CIVIL

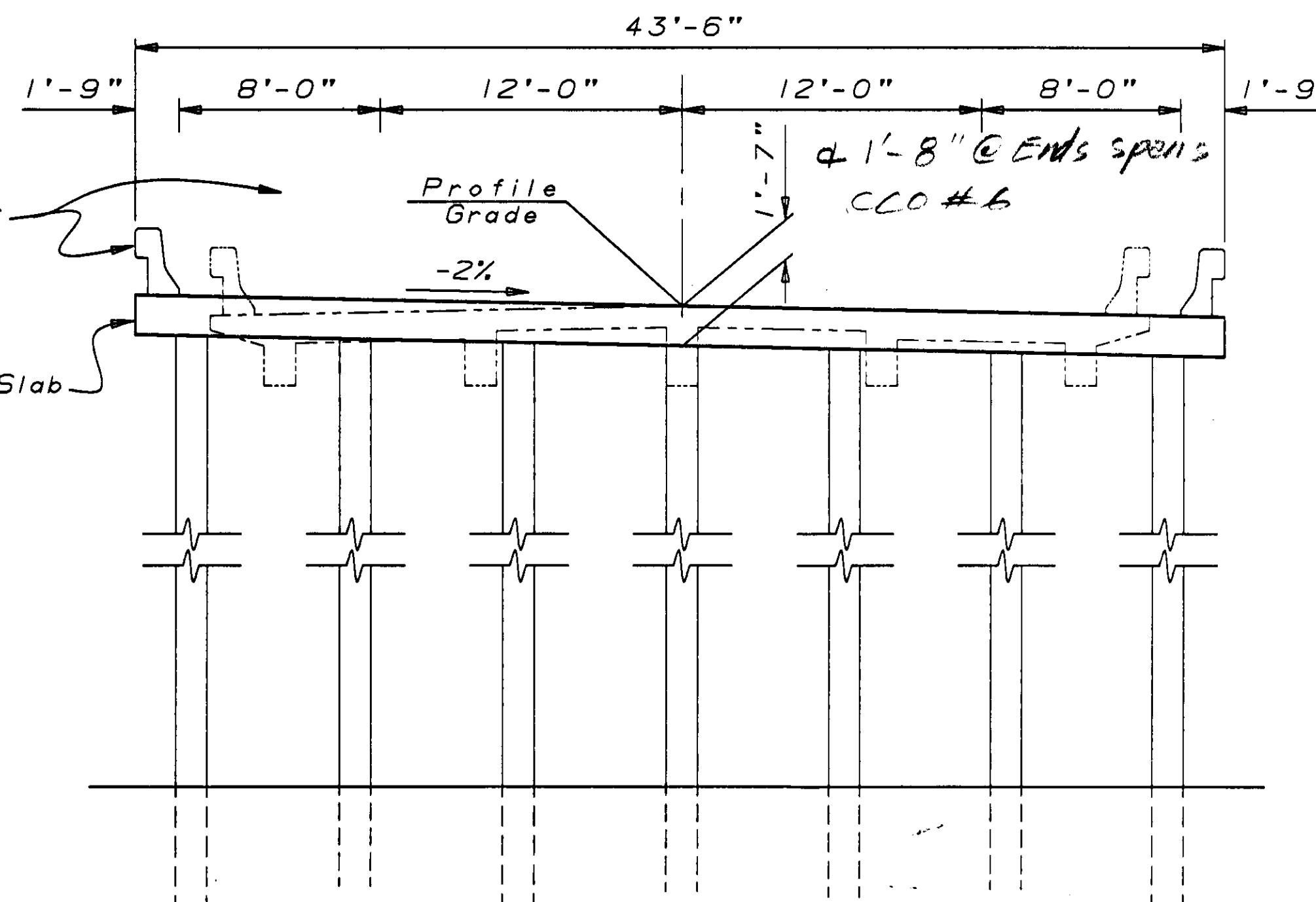
STATE OF CALIFORNIA

9-9-91

PLANS APPROVAL DATE

Concrete Barrier  
Type 25 MOD

RC Slab



### TYPICAL SECTION

1" = 5'-0"

AS BUILT

BY RA Yaeger/B. Feng

CONTRACT NO. 06-297104

DATE 11-12-92/6-4-93

### APPROXIMATE QUANTITIES

BRIDGE REMOVAL	LUMP SUM
FURNISH PILING 70 TON	1,464 LF
DRIVE PILE 70 TON	28 EA
FURNISH PILING 45 TON	625 LF
DRIVE PILE 45 TON	20 EA

### FINAL PAY QUANTITIES

STRUCTURE EXCAVATION (BRIDGE)	145 CY
STRUCTURE BACKFILL (BRIDGE)	112 CY
STRUCTURAL CONCRETE, BRIDGE	602 CY
BAR REINFORCING STEEL (BRIDGE)	101,500 LB
CONCRETE BARRIER (TYPE 25)	447 LF

DESIGN	BY Mark Kaems 9-90	CHECKED Sharon Naramore 9-90	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD
DETAILS	BY Roberta Lim 9-90	CHECKED Sharon Naramore 9-90	LAYOUT	BY Mark Kaems 9-90
QUANTITIES	BY Patty Preston 10-90	CHECKED David Romero 10-90	SPECIFICATIONS	BY JAC V. 1/91

ORIGINAL SCALE IN INCHES  
FOR REDUCED PLANS

STATE OF  
CALIFORNIA  
DEPARTMENT OF TRANSPORTATION

DIVISION OF STRUCTURES  
STRUCTURE DESIGN 8

BRIDGE NO.	45-06
POST MILE	25.2

CROSS CREEK BRIDGE (REPLACE)  
GENERAL PLAN

DISREGARD PRINTS BEARING  
EARLIER REVISION DATES

REVISION DATES (PRELIMINARY STAGE ONLY)

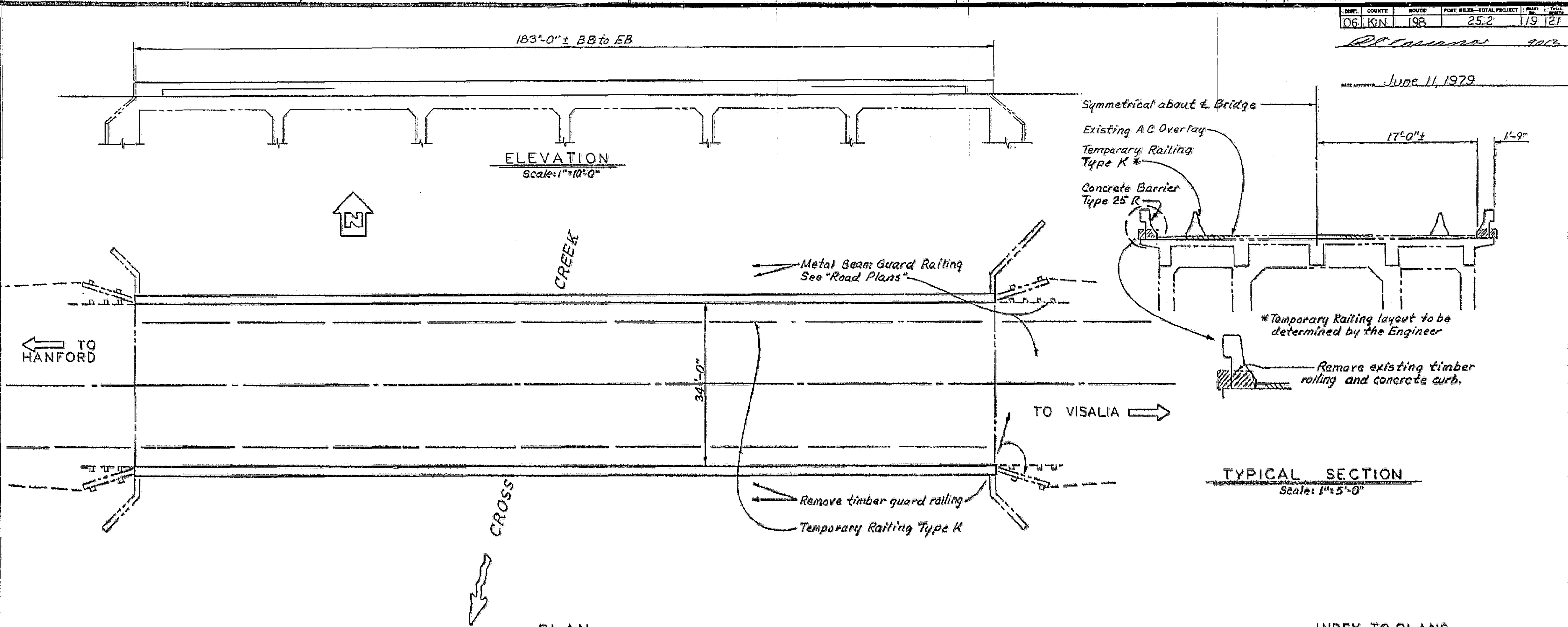
SHEET 15 OF 23



DATE	COUNTY	ROUTE	POST MILES-TOTAL PROJECT	SHEET	TOTAL SHEETS
06	KIN	198	25.2	19	21

RL Casanova 9013

DATE APPROVED June 11, 1979



TYPICAL SECTION  
Scale: 1"=5'-0"

INDEX TO PLANS

Sheet No.	Title
1	GENERAL PLAN
2	CONCRETE BARRIER TYPE 25 R
3	TEMPORARY RAILING (TYPE K)

NO AS BUILT CHANGES  
SECTION 170100 ON  
AS BUILT  
CONTRACT NO. 06-173404  
DATE 7-20-79  
NOTE:  
THE CONTRACTOR SHALL VERIFY  
ALL DEPENDENT DIMENSIONS IN  
THE FIELD BEFORE ORDERING  
OR FABRICATING ANY MATERIAL.

UPGRADE RAILING  
CROSS CREEK  
GENERAL PLAN

Submitted by D.M. O'Leary 8200 REGISTERED CIVIL ENGINEER NUMBER	DESIGN By RN Amador 4/78 Checked AC Stankis 4/78	LOAD FACTOR DESIGN	LIVE LOADING: HS20-44 AND ALTERNATIVE AND PERMIT DESIGN LOAD	State of CALIFORNIA DEPARTMENT OF TRANSPORTATION	DIVISION OF STRUCTURES DESIGN SECTION	BRIDGE NO. 45-06 POST MILE 25.17	DATE 7-20-79
Approved/Recommended by Randy P. Hood Jr. 7289 REGISTERED CIVIL ENGINEER NUMBER	DETAILS By Leonard Yeo 4/78 Checked AC Stankis	LAYOUT	By RNA Checked AC Stankis	PROJECT ENGINEER RN Amador			
QUANTITIES By L. Yeo 5/78 Checked RRT 5/78	SPECIFICATIONS By N. Burt 6/79 Checked RRT 5/78		9129 Plans and Specs Compared				

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3  
Discard prints bearing earlier revision dates

AS BUILT PLANS  
Contract No. 06-173404  
Date Completed  
Document No.

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN  
UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO  
AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.  
DATE 2/28/81 BY Joseph M. Latta TITLE SUPERVISOR OF  
MICROFILM SERVICES



DIST.	COUNTY	ROUTE	POST MILES—TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
06	KIN	198	25.2	20	21

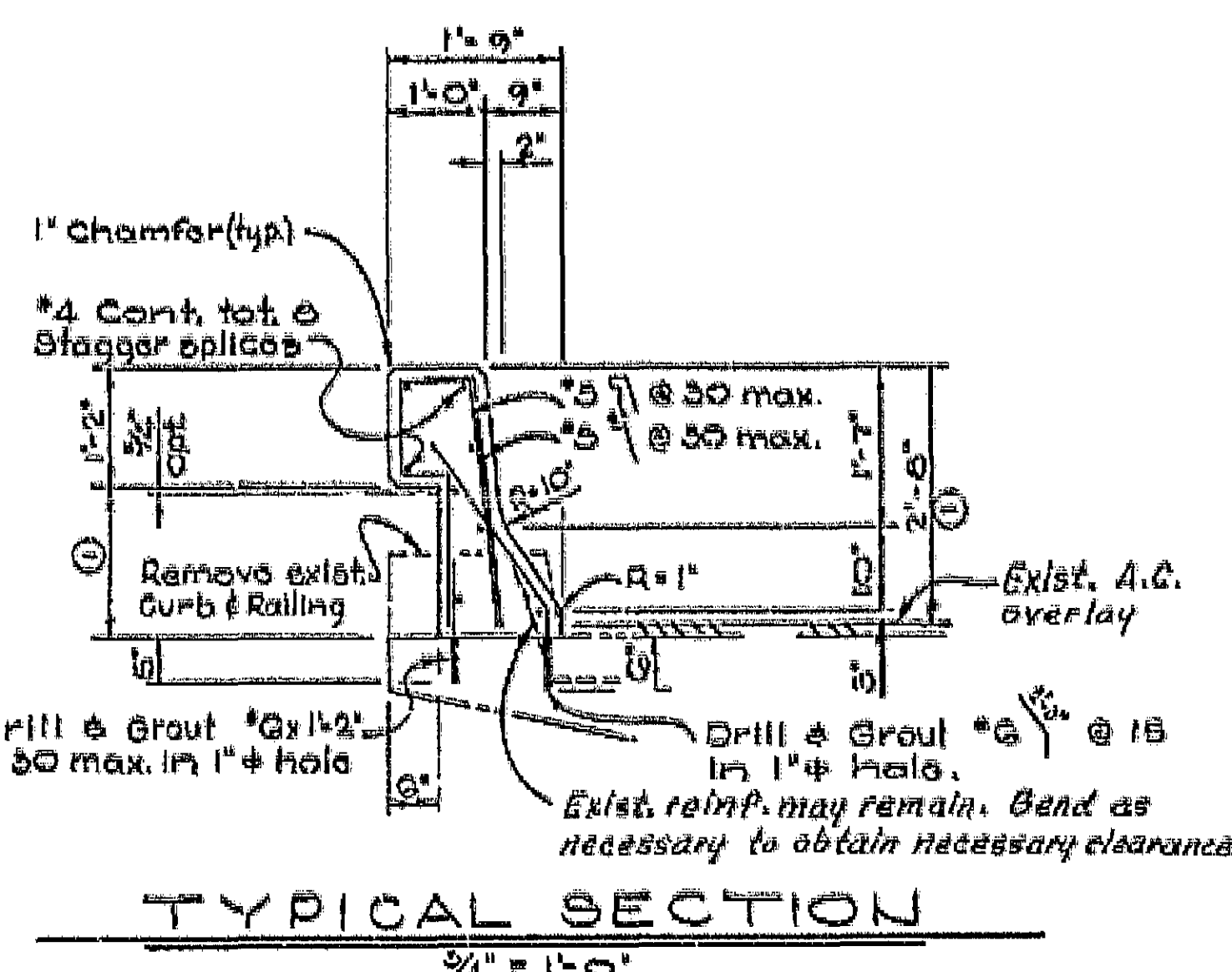
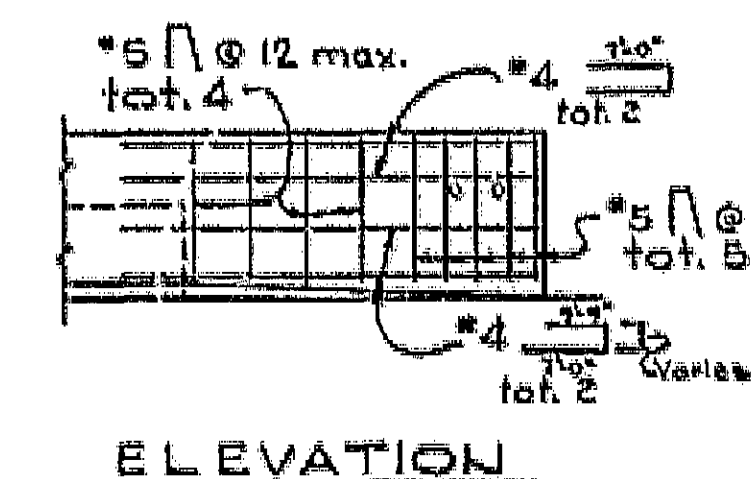
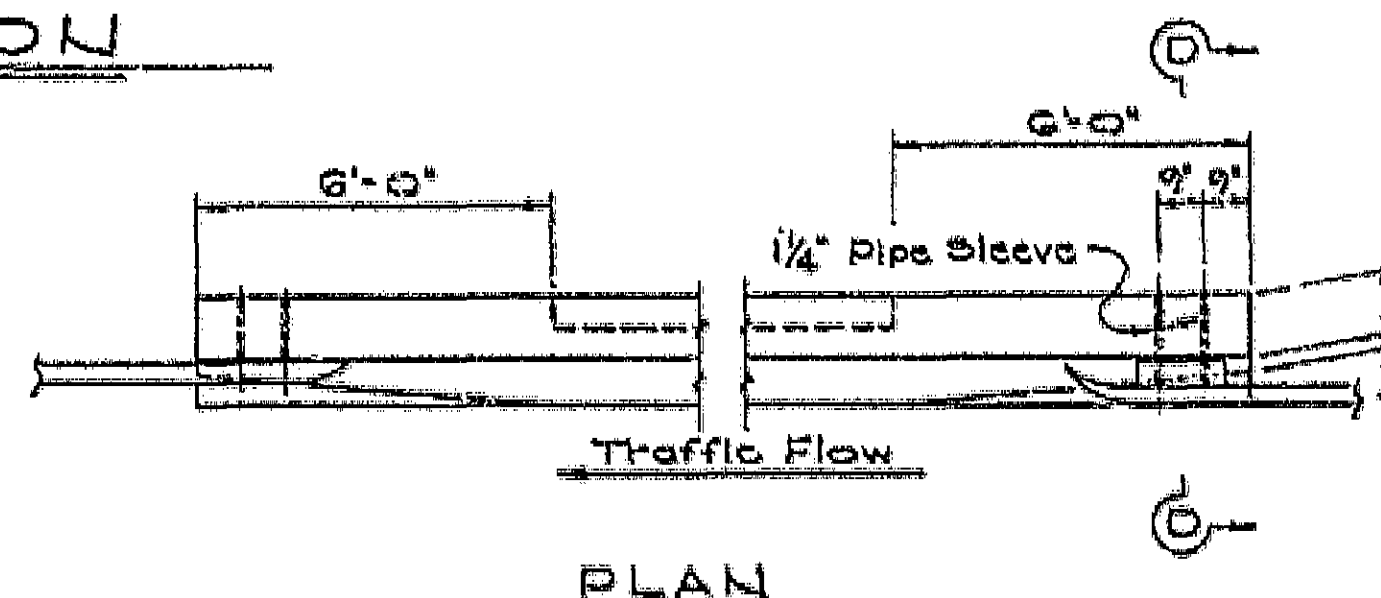
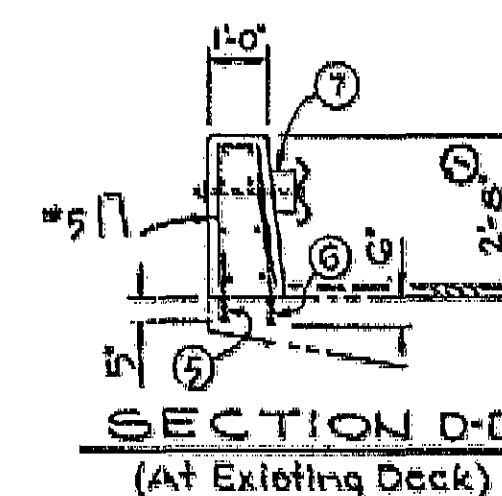
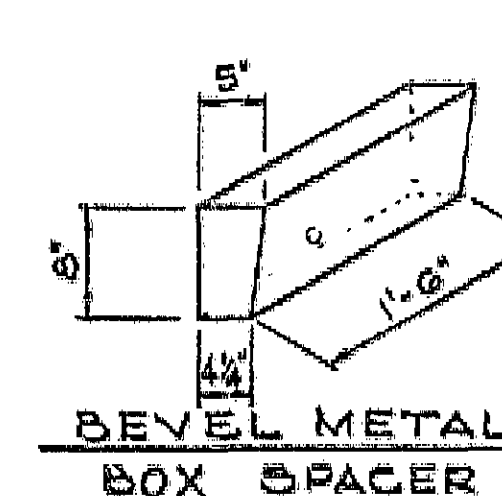
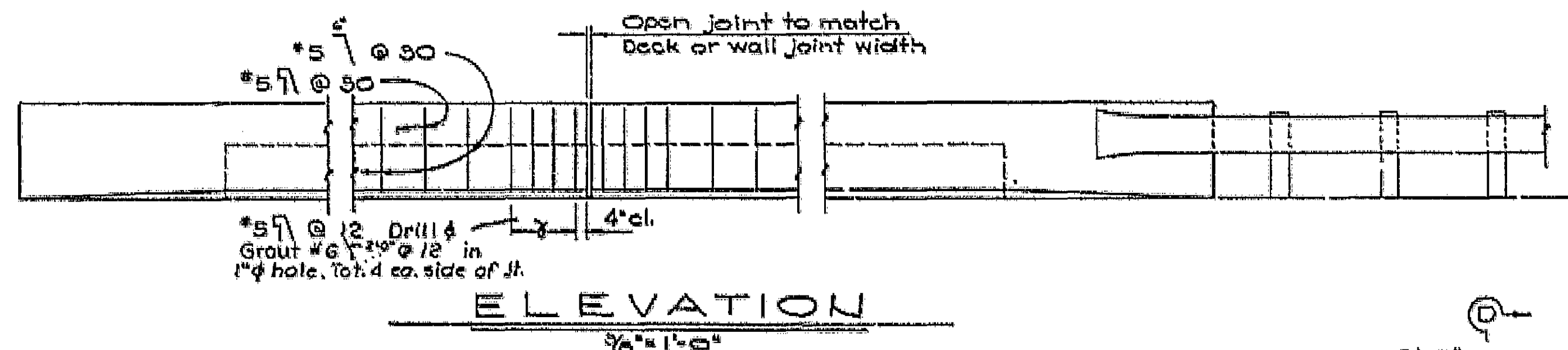
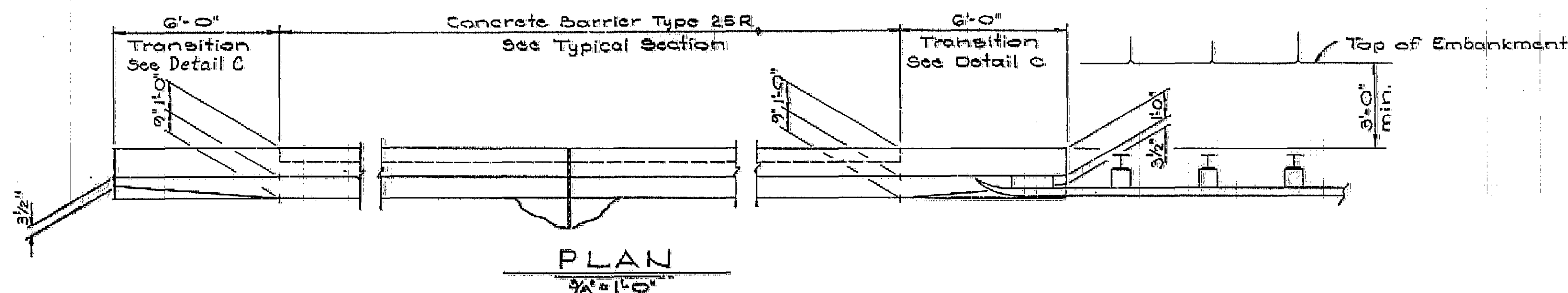
M. B. O'Garra

8200

DESIGN ENGINEER

REGISTERED CIVIL ENGINEER NUMBER

DATE APPROVED June 11, 1979



### DETAIL C (Metal Beam Guard Rail Anchorage) NO AS BUILT CHANGES

Notes:  
① - Dimensions may vary with cross-slopes and with certain thicknesses of surfacing.

- ② - Drill & Grout \*6 x 1 1/2" @ 15 in 1" hole.
- ③ - Drill & Grout \*6 x 2'-0" @ 15 in 1" hole.
- ④ - Bevel Metal Box Spacer, for anchorage details see SDA 79-C.8

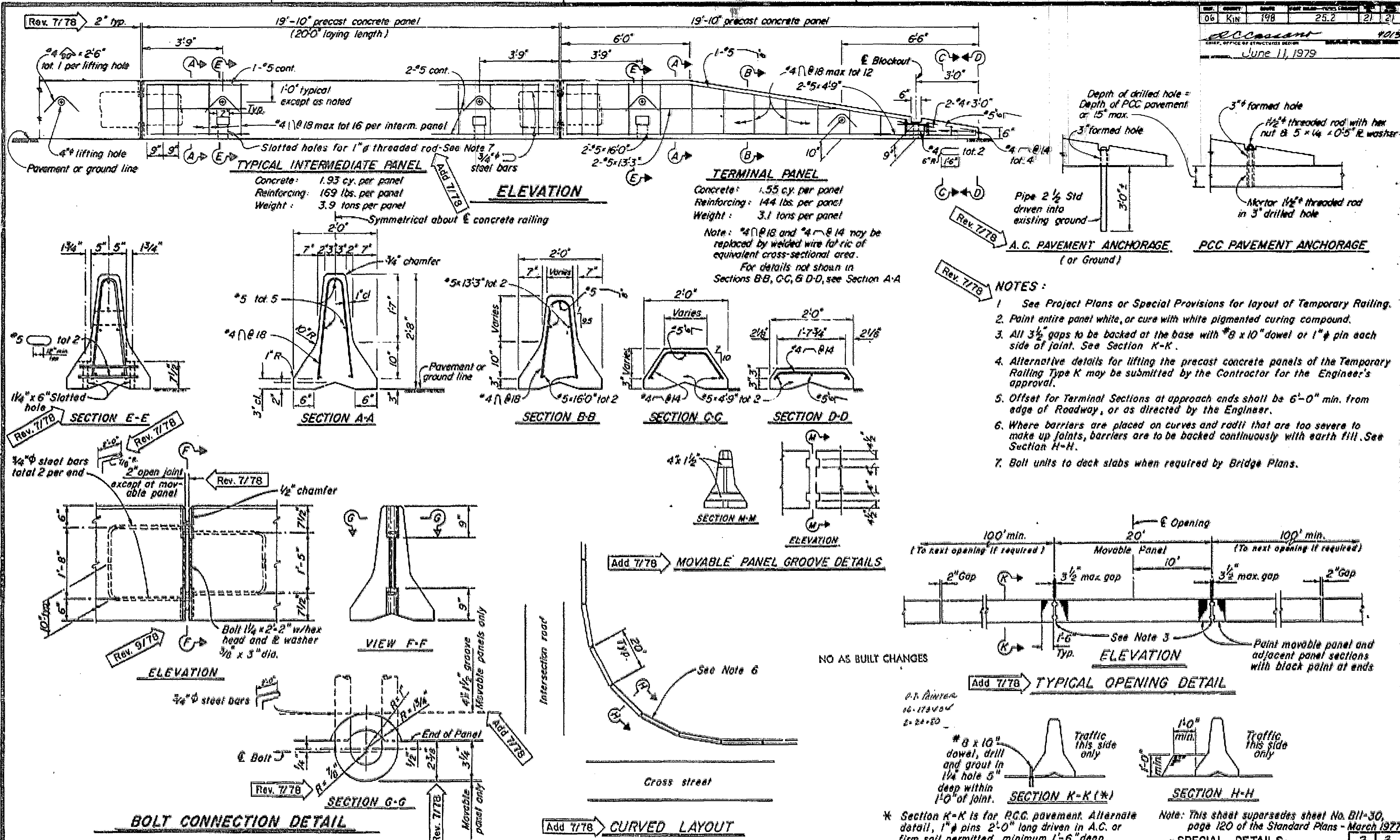
Clearance to reinforcing steel in barrier to be 1" except as noted. Longitudinal reinforcement to stop at all expansion joints. All reinforcing dowels or bolts which will be exposed after barrier modification shall be cut off 1" below finish surface and the hole filled with cement mortar. For Metal Beam Guard Railing details not shown see Road Plans.

DESIGN	RT Amador 5/8	Checked AC Stenck 4/8	State of CALIFORNIA	STRUCTURES - DESIGN	BRIDGE NO. 45-06	CROSS CREEK
DETAILS	L. Yee 4/8	Checked AC Stenck	DEPARTMENT OF TRANSPORTATION	PROJECT ENGINEER RT Amador	POST MILE 25.17	CONCRETE BARRIER TYPE 25R
QUANTITIES	L. Yee 5/8	Checked RRT 5/8		CU 06351		
ORIGINAL SCALE IN INCHES FOR REDUCED PLANS				WO 173401	Disregard prints bearing earlier revision dates	
					REVISION DATES (PRELIMINARY STAGE ONLY)	
						SHEET 2 OF 3

AS BUILT PLANS  
Contract No. 06-173404  
Date Completed  
Document No.

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.  
DATE 2/23/80 BY Joseph M. Lutz TITLE SUPERVISOR OF MICROFILM SERVICES





**AS BUILT PLANS**  
Contract No. 06-173404  
Date Completed \_\_\_\_\_  
Document No. \_\_\_\_\_

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF THE ABOVE DOCUMENT TAKEN UNDER MY DIRECTION AND CONTROL ON THIS DATE IN SACRAMENTO, CALIFORNIA PURSUANT TO AUTHORIZATION BY THE DIRECTOR OF TRANSPORTATION.

DATE	SIGNATURE	TITLE
23rd	Joseph M. Costa	SUPERVISOR OF MICROFILM SERVICES
DAS-SATB		



DRAWN BY: STOK DATE: 7-8-59  
 CHECKED BY: \_\_\_\_\_  
 APPROVED: \_\_\_\_\_

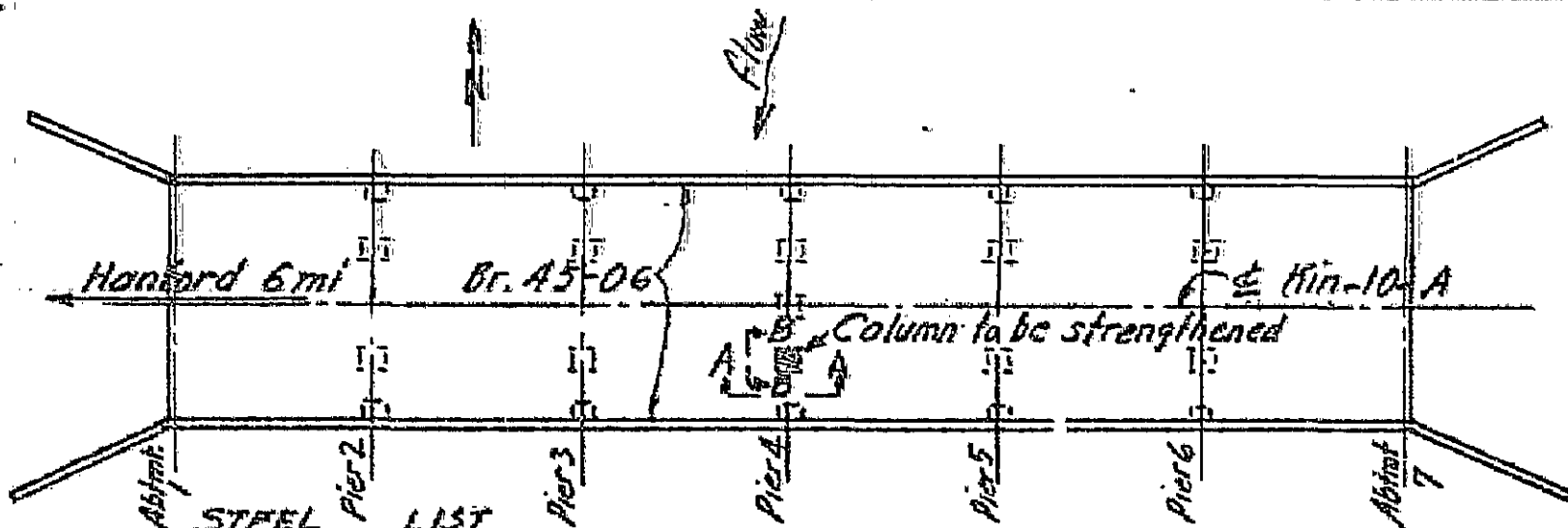
STATE OF CALIFORNIA  
 DEPARTMENT OF PUBLIC WORKS  
 DIVISION OF HIGHWAYS  
 BRIDGE DEPARTMENT

DIST.	COUNTY	ROUTE	SECTION
VI	KIN	10	A

JOB

**CROSS CREEK**

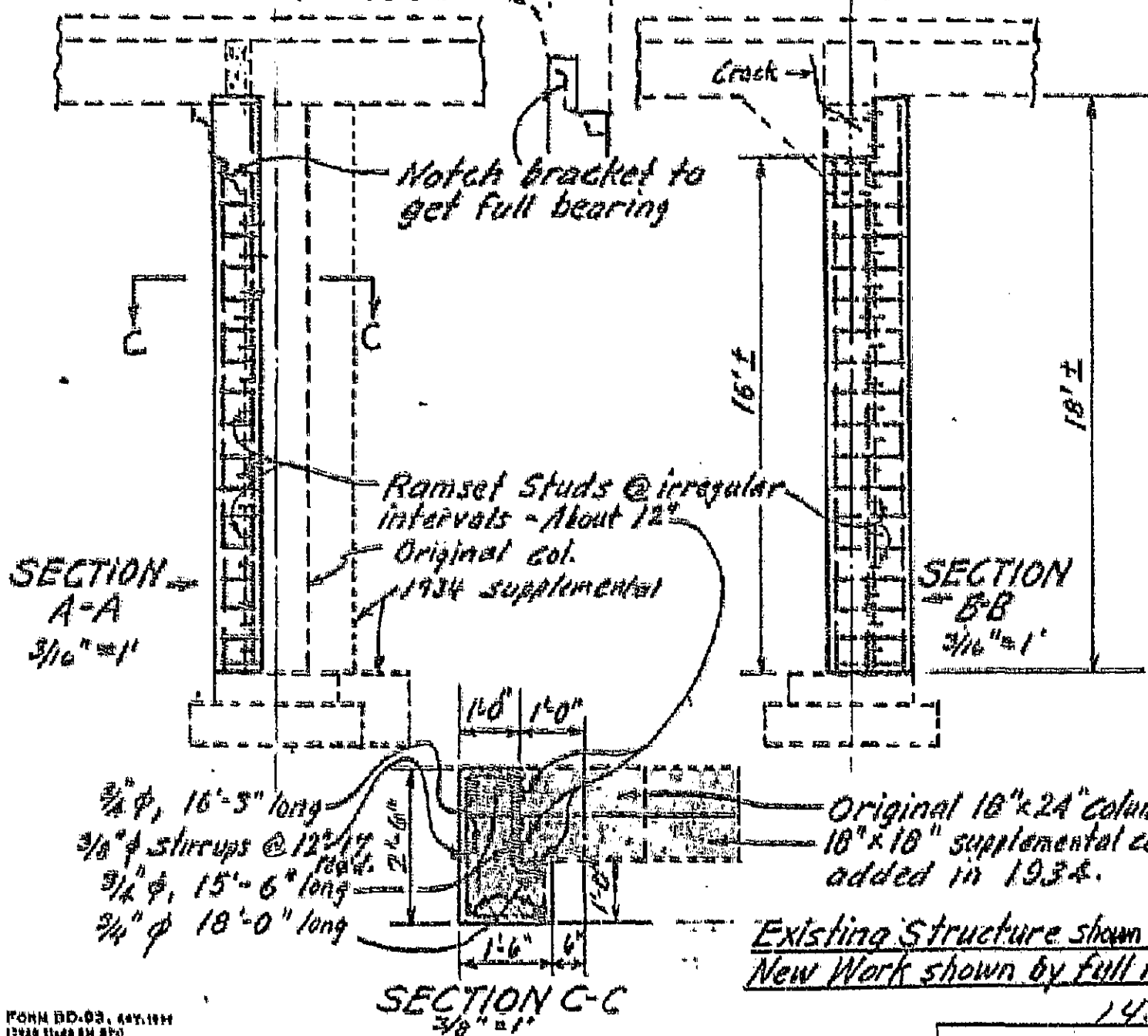
**BR. No 45-06**



**STEEL LIST**  
 2 bars  $\frac{3}{4}$ "  $\phi$  @ 16'-3" = 49 lbs.  
 2 "  $\frac{3}{4}$ "  $\phi$  @ 15'-6" = 47 "  
 2 "  $\frac{3}{4}$ "  $\phi$  @ 18'-0" = 54 "  
 17 stirrups  $\frac{3}{8}$ "  $\phi$  @ 6'-2" = 40 "  
 Total 190 lbs.

**PLAN**  
 1" = 30'

Concrete - 2 cu. yds. - 6 sacks ea.  
 Excavation - Indeterminate %  
 Loose sand - About 1 day with bulldozer.



FORM BD-03, 44X, 1954  
 12-28-54-28 24 270

To accompany report by A. J. Stocks dated June 30, 1959

DRAWING NO.

1425



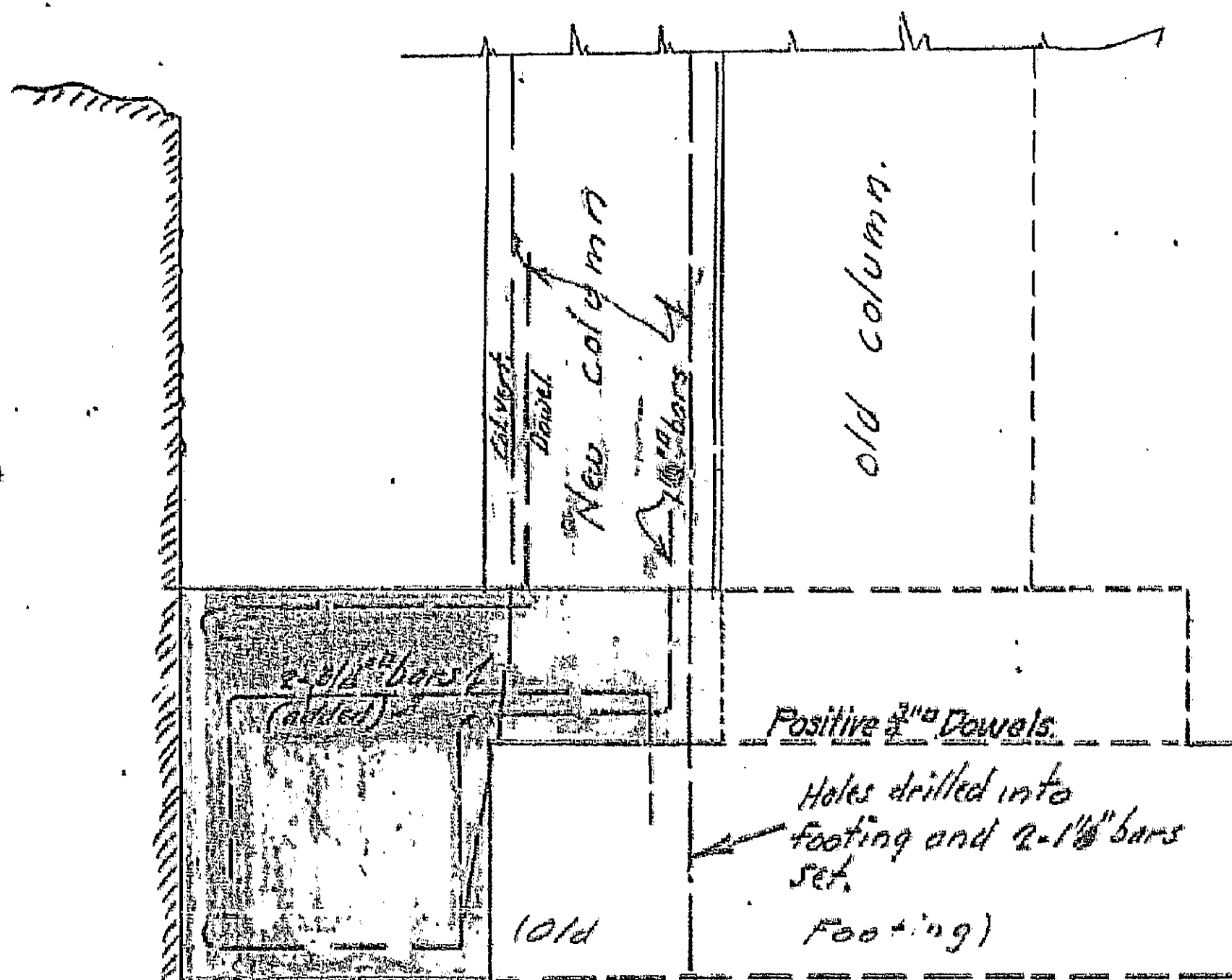
LD-6-40

VI-Kin-10-A

CROSS CREEK

11-1-34 I.T.I.

Scale  $\longleftrightarrow 12'' \longleftrightarrow$



Note: This plan has been corrected to correspond to the 'AS BUILT' blue prints.

WIDENING FOOTINGS @ Bent 4  
(3- 3/4" expansion bolts omitted)

Bridge No. 45-06  
1426







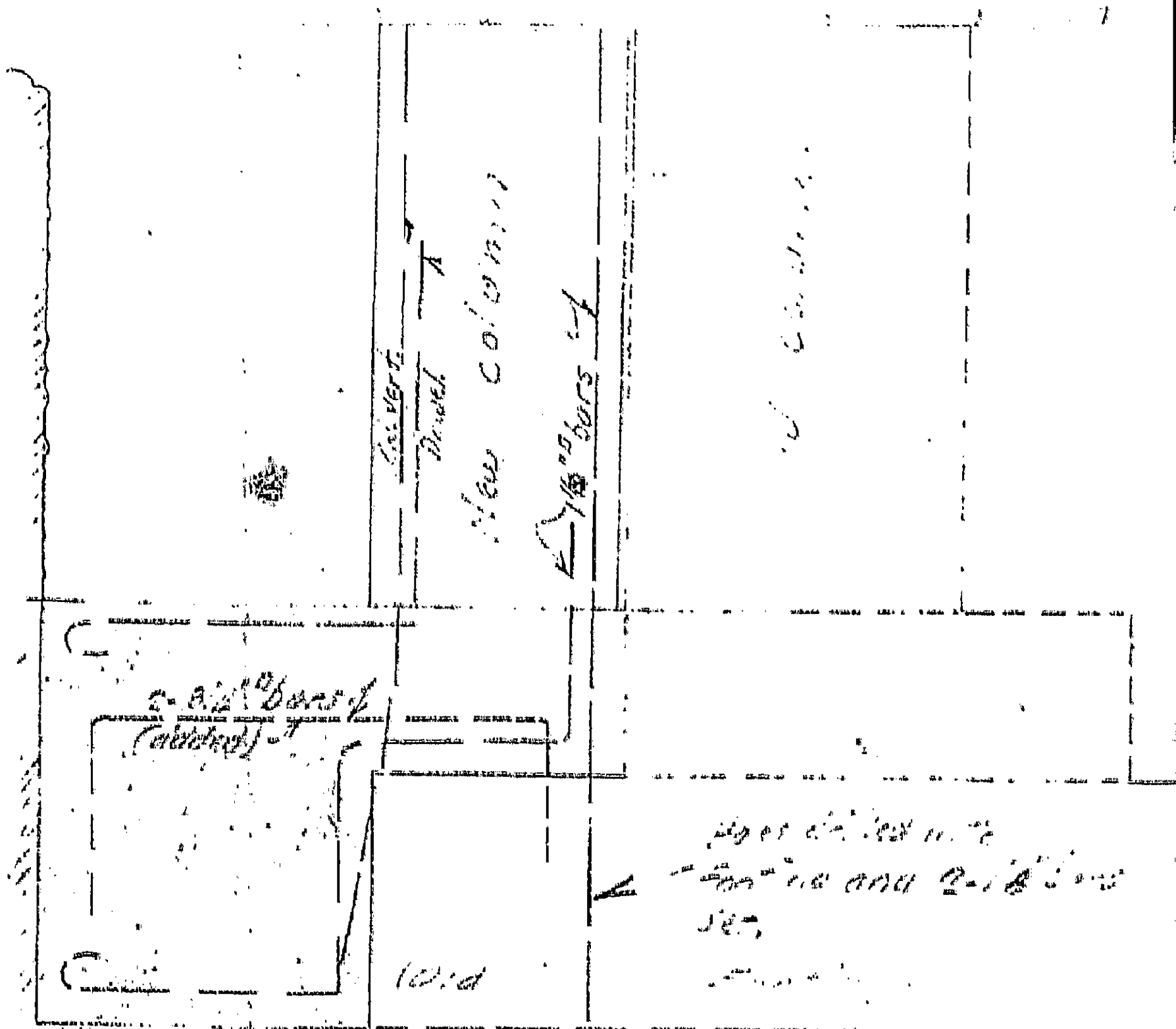
Date Completed \_\_\_\_\_

Document No. 6000111

Clear Creek

1-1-12 11:11

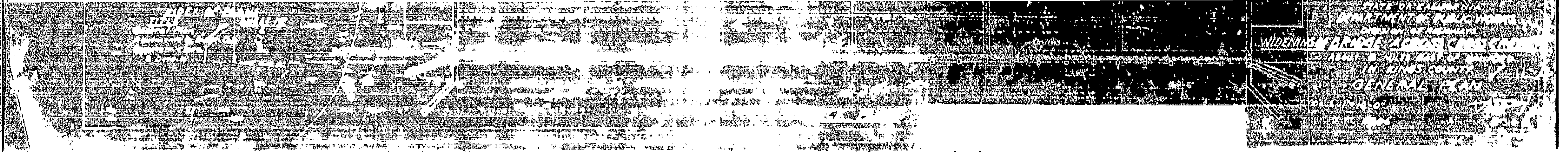
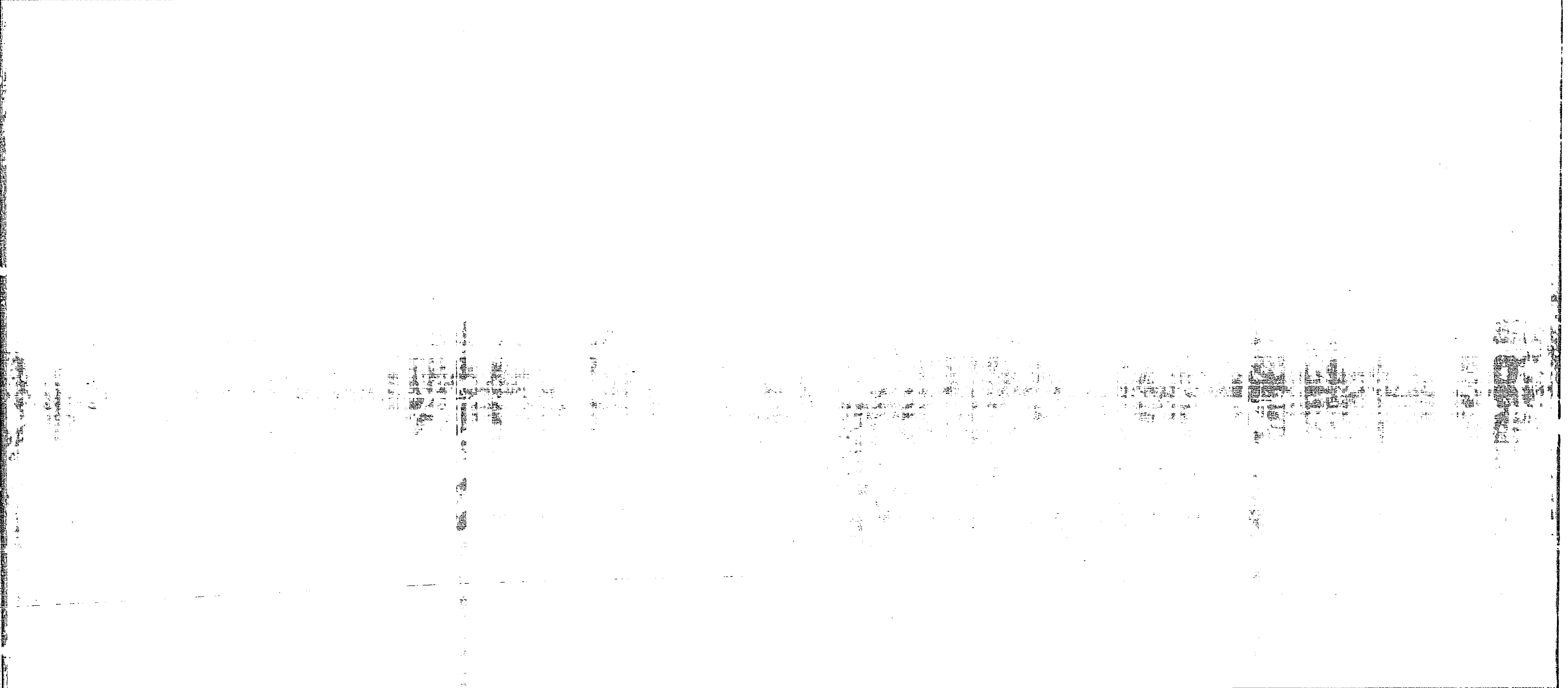
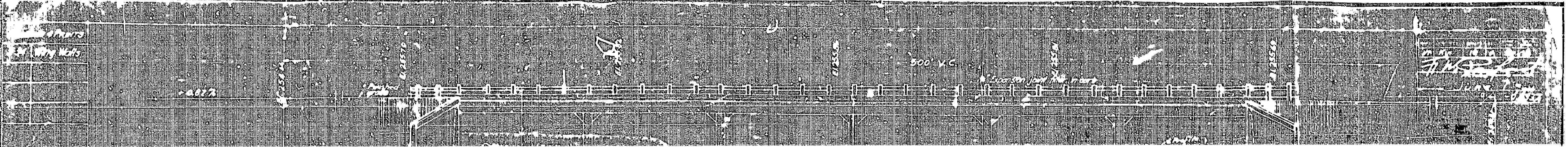
12" →



WIDENING FOOTINGS @ Ben. 4  
(3-3/4" expansion bolts omitted)

27



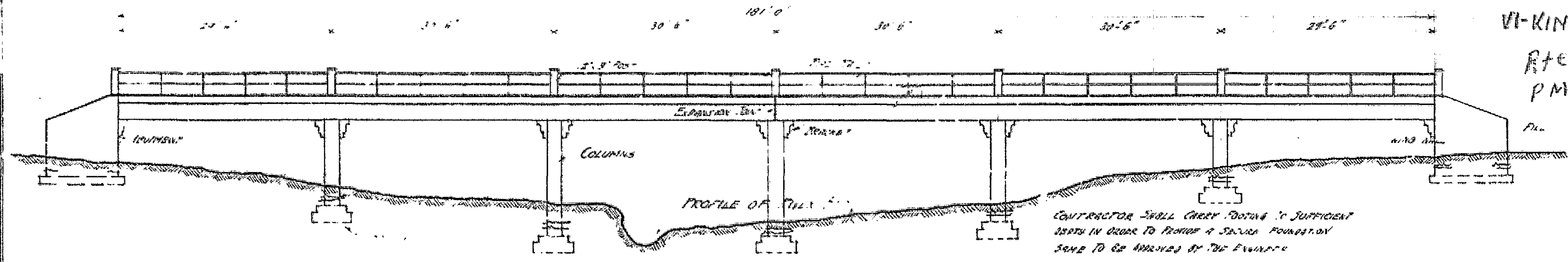






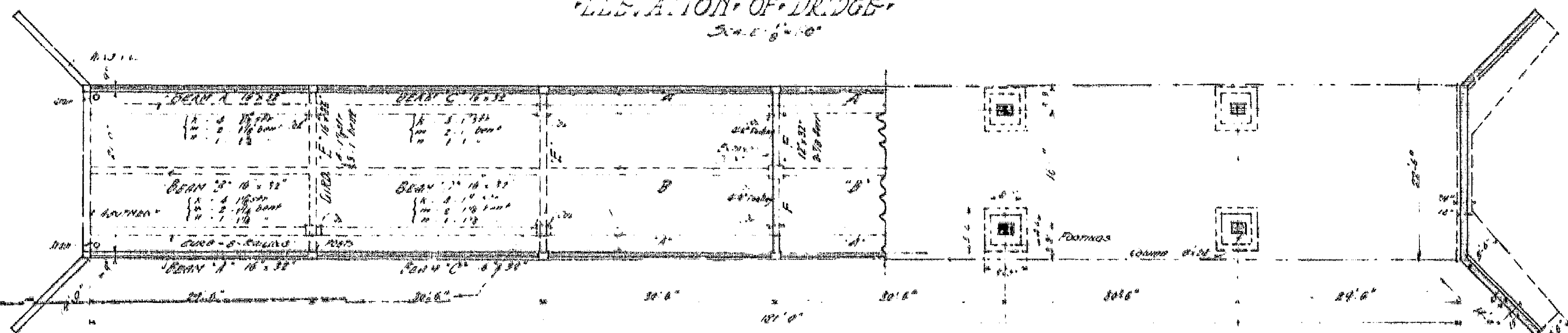


VI-KIN-~~18~~A  
 Rte 198  
 PM 252



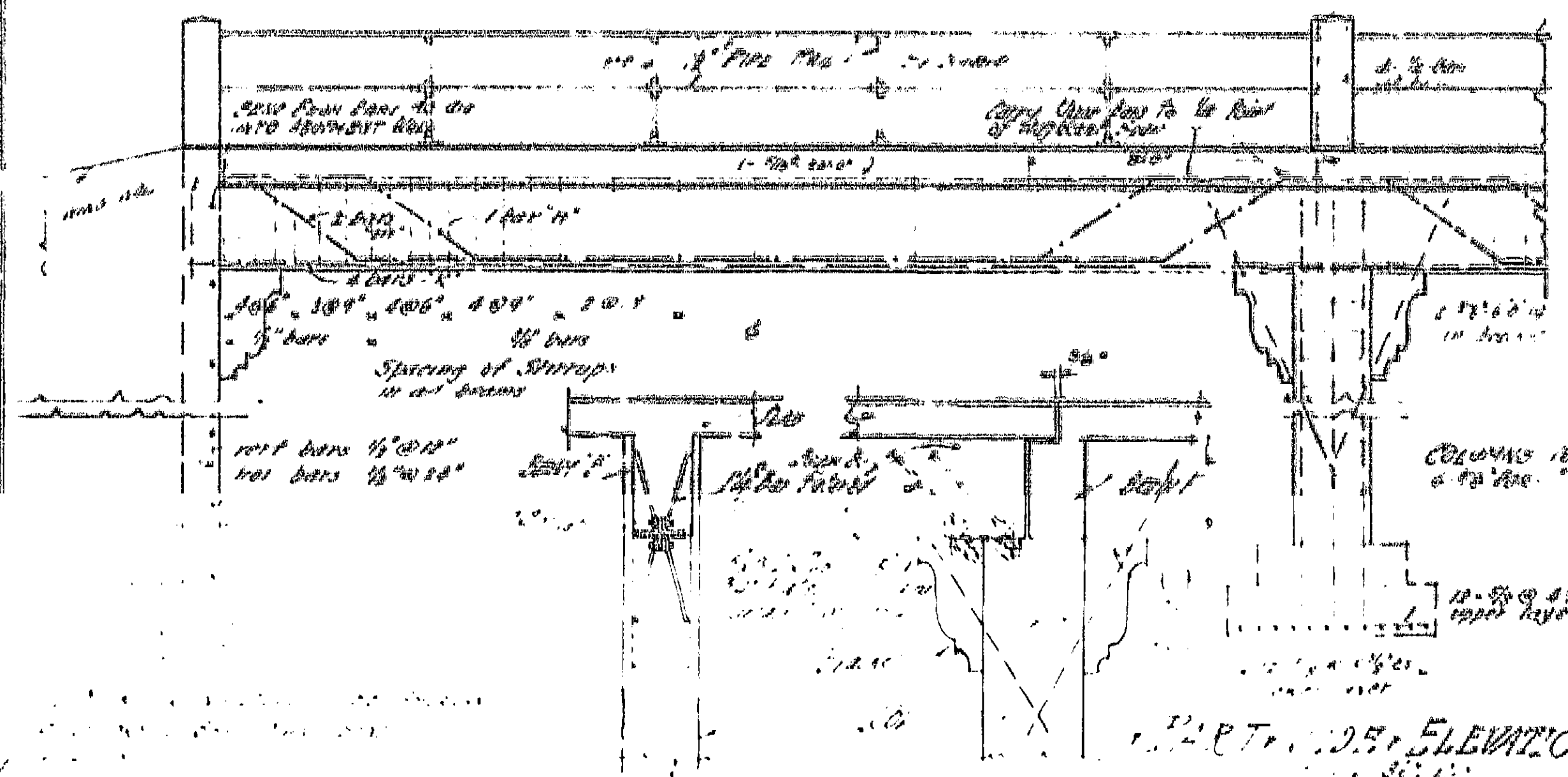
ELEVATION OF BRIDGE  
 Scale 1/4" = 1'-0"

CONTRACTOR SHALL CHECK FORTING & SUFFICIENT  
 DEPTH IN ORDER TO PROVIDE A SECURE FOUNDATION  
 SAME TO BE APPROVED BY THE ENGINEER

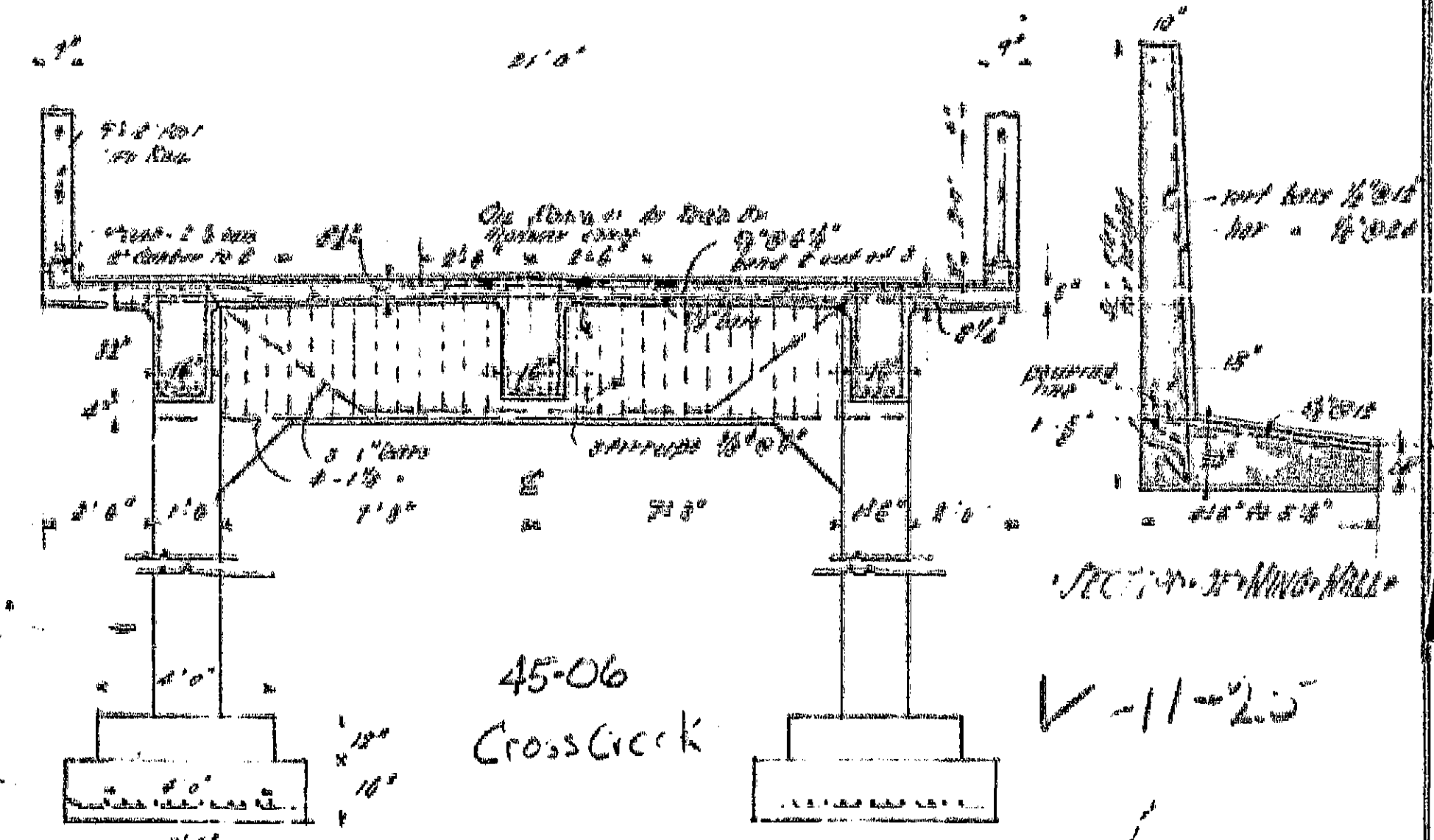


PART FLOOR PLAN

PART FOOTING PLAN



PART OF ELEVATION



CROSS SECTION

REINFORCED CONCRETE BRIDGE  
 CROSS CREEK, NASSAU COUNTY, CALIF.  
 BENN DUFFIELD COUNTY SURVEYOR

CONTRACT PLANS  
 Contract No.  
 Document No. 4400134

I HEREBY CERTIFY THAT THIS IS A TRUE AND ACCURATE COPY OF  
 THE ORIGINAL RECORDS AND CONTROL ON THIS DATE IN SACRAMENTO  
 SIGNATURE BY THE OFFICER OF PUBLIC WORKS  
 DATE SIGNATURE TITLE